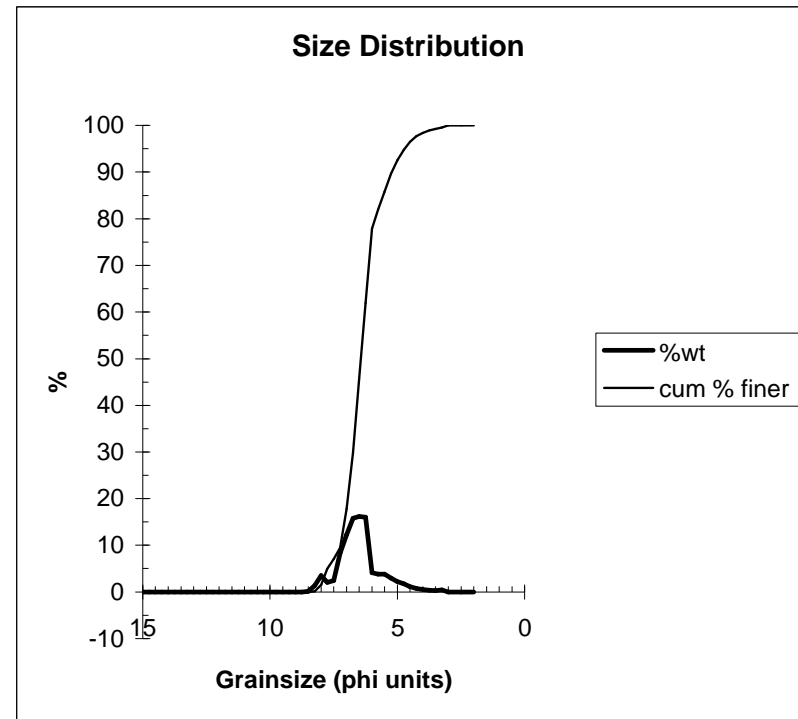


KAUROA ASH**Appendix H-5.18 Combined texture**

Sample 72 Kauroa Ashes								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 72		
1	0.2500	2.00	0.00	0.00	0.000	100.00		Percentiles		
2	0.1768	2.50	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
3	0.1250	3.00	0.00	0.00	0.000	100.00		95	4.72	0.038
4	0.1051	3.25	0.40	0.40	0.400	99.60	mode at 3.13	84	5.62	0.020
5	0.0884	3.50	0.72	0.32	0.320	99.28		75	6.05	0.015
6	0.0743	3.75	1.09	0.37	0.370	98.91		50	6.43	0.012
7	0.0625	4.00	1.58	0.49	0.490	98.42		25	6.85	0.009
8	0.0526	4.25	2.31	0.73	0.730	97.69		16	7.05	0.008
9	0.0442	4.50	3.48	1.17	1.170	96.52		5	7.75	0.005
10	0.0372	4.75	5.21	1.73	1.730	94.79		Stats from Moments		
11	0.0313	5.00	7.41	2.20	2.200	92.59			<i>phi</i>	<i>mm</i>
12	0.0263	5.25	10.38	2.97	2.969	89.62		Mean	6.97	0.008
13	0.0221	5.50	14.15	3.77	3.769	85.85		SD	1.01	
14	0.0186	5.75	18.01	3.86	3.859	81.99		Skewness	-1.71	
15	0.0156	6.00	22.12	4.11	4.109	77.88		Kurtosis	4.41	
16	0.0131	6.25	38.10	15.98	15.977	61.91		Folks' Graphic Stats		
17	0.0110	6.50	54.30	16.20	16.197	45.71	mode at 6.38		<i>phi</i>	<i>mm</i>
18	0.0093	6.75	70.05	15.75	15.747	29.96		Mean (Mz)	6.37	0.012
19	0.0078	7.00	82.27	12.22	12.218	17.75		Sorting (SI)	0.82	
20	0.0066	7.25	90.56	8.29	8.288	9.46		Skewness (Skl)	-0.13	
21	0.0055	7.50	92.98	2.42	2.420	7.04		Kurtosis (KG)	1.54	
22	0.0046	7.75	95.04	2.06	2.060	4.98				
23	0.0039	8.00	98.54	3.50	3.499	1.48	mode at 7.88			
24	0.0033	8.25	99.86	1.32	1.320	0.16				
25	0.0028	8.50	100.02	0.16	0.160	0.00				
26	0.0023	8.75	100.02	0.00	0.000	0.00				
27	0.0020	9.00	100.02	0.00	0.000	0.00				
28	0.0016	9.25	100.02	0.00	0.000	0.00				
29	0.0014	9.50	100.02	0.00	0.000	0.00				

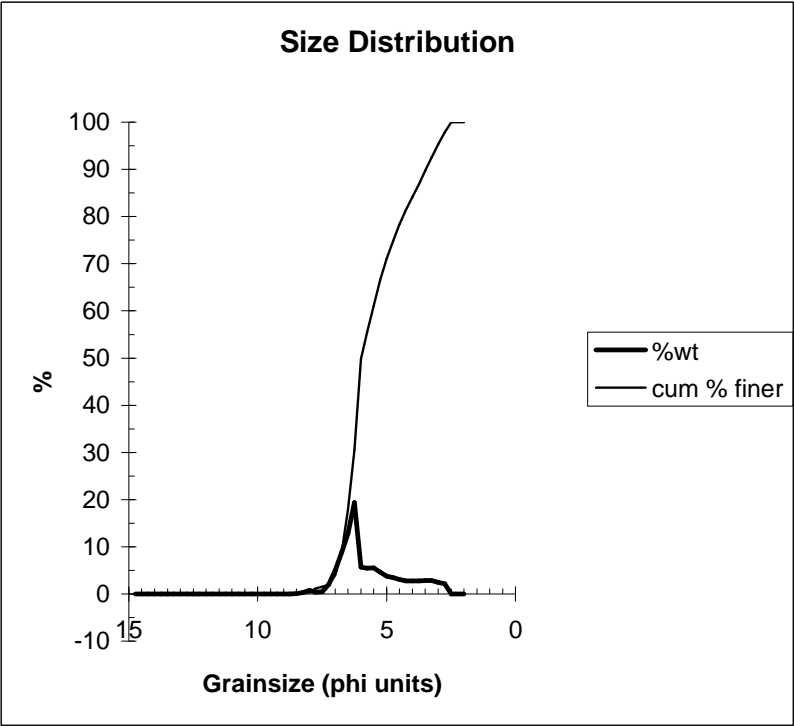
30	0.0012	9.75	100.02	0.00	0.000	0.00
31	0.0010	10.00	100.02	0.00	0.000	0.00
32	0.0008	10.25	100.02	0.00	0.000	0.00
33	0.0007	10.50	100.02	0.00	0.000	0.00
34	0.0006	10.75	100.02	0.00	0.000	0.00
35	0.0005	11.00	100.02	0.00	0.000	0.00
36	0.0004	11.25	100.02	0.00	0.000	0.00
37	0.0003	11.50	100.02	0.00	0.000	0.00
38	0.0003	11.75	100.02	0.00	0.000	0.00
39	0.0002	12.00	100.02	0.00	0.000	0.00
40	0.0002	12.25	100.02	0.00	0.000	0.00
41	0.0002	12.50	100.02	0.00	0.000	0.00
42	0.0001	12.75	100.02	0.00	0.000	0.00
43	0.0001	13.00	100.02	0.00	0.000	0.00
44	0.0001	13.25	100.02	0.00	0.000	0.00
45	0.0001	13.50	100.02	0.00	0.000	0.00
46	0.0001	13.75	100.02	0.00	0.000	0.00
47	0.0001	14.00	100.02	0.00	0.000	0.00
48	0.0001	14.25	100.02	0.00	0.000	0.00
49	0.0000	14.50	100.02	0.00	0.000	0.00
50	0.0000	14.75	100.02	0.00	0.000	0.00
51	0.0000	15.00	100.02	0.00	0.000	0.00

Sums: 100.02 100.02 92.961



Sample 71 Kauroa Ashes							Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt% cum	% finer	Modes	Sample: 71	
1	0.2500	2.00	0.00	0.00	0.000	100.00		Percentiles	
2	0.1768	2.50	0.00	0.00	0.000	100.00			
3	0.1487	2.75	2.17	2.17	2.170	97.83		<i>phi</i>	<i>mm</i>
4	0.1250	3.00	4.67	2.50	2.500	95.33		95	3.03 0.122
5	0.1051	3.25	7.49	2.82	2.820	92.51		84	4.01 0.062
6	0.0884	3.50	10.34	2.85	2.850	89.66	mode at 3.38	75	4.74 0.037
7	0.0743	3.75	13.12	2.78	2.780	86.88		50	5.99 0.016
8	0.0625	4.00	15.87	2.75	2.750	84.13		25	6.36 0.012
9	0.0526	4.25	18.63	2.76	2.760	81.37		16	6.55 0.011
10	0.0442	4.50	21.67	3.04	3.040	78.33		5	6.95 0.008
11	0.0372	4.75	25.12	3.45	3.450	74.88		Stats from Moments	
12	0.0313	5.00	28.88	3.76	3.760	71.12		<i>phi</i>	<i>mm</i>
13	0.0263	5.25	33.48	4.60	4.600	66.52		Mean	5.74 0.019
14	0.0221	5.50	38.99	5.51	5.510	61.01	mode at 5.38	SD	1.24
15	0.0186	5.75	44.46	5.47	5.470	55.54		Skewness	-1.00
16	0.0156	6.00	50.15	5.69	5.690	49.85		Kurtosis	2.91
17	0.0131	6.25	69.49	19.34	19.340	30.51	mode at 6.13	Folks' Graphic Stats	
18	0.0110	6.50	82.24	12.75	12.750	17.76		<i>phi</i>	<i>mm</i>
19	0.0093	6.75	91.05	8.81	8.810	8.95		Mean (Mz)	5.52 0.022
20	0.0078	7.00	96.04	4.99	4.990	3.96		Sorting (SI)	1.23
21	0.0066	7.25	98.06	2.02	2.020	1.94		Skewness (SkI)	-0.54
22	0.0055	7.50	98.48	0.42	0.420	1.52		Kurtosis (KG)	0.99
23	0.0046	7.75	98.85	0.37	0.370	1.15			
24	0.0039	8.00	99.62	0.77	0.770	0.38	mode at 7.88		
25	0.0033	8.25	99.95	0.33	0.330	0.05			
26	0.0028	8.50	100.00	0.05	0.050	0.00			
27	0.0023	8.75	100.00	0.00	0.000	0.00			
28	0.0020	9.00	100.00	0.00	0.000	0.00			
29	0.0016	9.25	100.00	0.00	0.000	0.00			

30	0.0014	9.50	100.00	0.00	0.000	0.00
31	0.0012	9.75	100.00	0.00	0.000	0.00
32	0.0010	10.00	100.00	0.00	0.000	0.00
33	0.0008	10.25	100.00	0.00	0.000	0.00
34	0.0007	10.50	100.00	0.00	0.000	0.00
35	0.0006	10.75	100.00	0.00	0.000	0.00
36	0.0005	11.00	100.00	0.00	0.000	0.00
37	0.0004	11.25	100.00	0.00	0.000	0.00
38	0.0003	11.50	100.00	0.00	0.000	0.00
39	0.0003	11.75	100.00	0.00	0.000	0.00
40	0.0002	12.00	100.00	0.00	0.000	0.00
41	0.0002	12.25	100.00	0.00	0.000	0.00
42	0.0002	12.50	100.00	0.00	0.000	0.00
43	0.0001	12.75	100.00	0.00	0.000	0.00
44	0.0001	13.00	100.00	0.00	0.000	0.00
45	0.0001	13.25	100.00	0.00	0.000	0.00
46	0.0001	13.50	100.00	0.00	0.000	0.00
47	0.0001	13.75	100.00	0.00	0.000	0.00
48	0.0001	14.00	100.00	0.00	0.000	0.00
49	0.0001	14.25	100.00	0.00	0.000	0.00
50	0.0000	14.50	100.00	0.00	0.000	0.00
51	0.0000	14.75	100.00	0.00	0.000	0.00
Sums:			100	100	98.060	



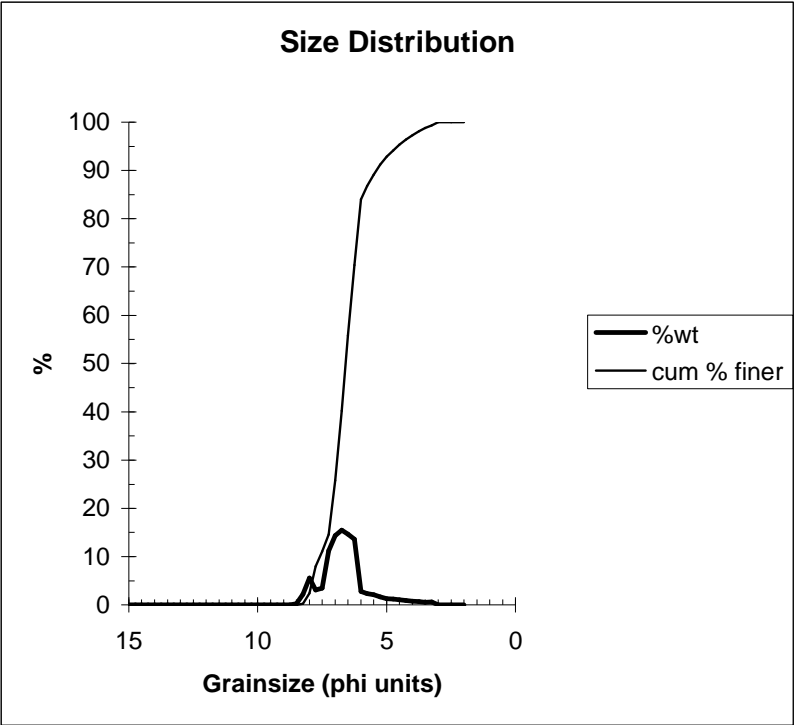
Sample 167 Kauroa Ashes							Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample:	167
1	0.2500	2.00	0.00	0.00	0.000	100.00			
2	0.1768	2.50	0.00	0.00	0.000	100.00			
3	0.1250	3.00	0.00	0.00	0.000	100.00			
4	0.1051	3.25	0.64	0.64	0.640	99.36	mode at 3.13		
5	0.0884	3.50	1.21	0.57	0.570	98.79			
6	0.0743	3.75	1.90	0.69	0.690	98.10			
7	0.0625	4.00	2.71	0.81	0.810	97.29			
8	0.0526	4.25	3.62	0.91	0.910	96.38			
9	0.0442	4.50	4.67	1.05	1.050	95.33			
10	0.0372	4.75	5.86	1.19	1.190	94.14			
11	0.0313	5.00	7.15	1.29	1.290	92.85			
12	0.0263	5.25	8.78	1.63	1.630	91.22			
13	0.0221	5.50	10.89	2.11	2.110	89.11			
14	0.0186	5.75	13.23	2.34	2.340	86.77			
15	0.0156	6.00	16.02	2.79	2.790	83.98			
16	0.0131	6.25	29.60	13.58	13.580	70.40			
17	0.0110	6.50	44.26	14.66	14.660	55.74			
18	0.0093	6.75	59.78	15.52	15.520	40.22	mode at 6.63		
19	0.0078	7.00	74.19	14.41	14.410	25.81			
20	0.0066	7.25	85.42	11.23	11.230	14.58			
21	0.0055	7.50	88.91	3.49	3.490	11.09			
22	0.0046	7.75	92.00	3.09	3.090	8.00			
23	0.0039	8.00	97.55	5.55	5.550	2.45	mode at 7.88		
24	0.0033	8.25	99.74	2.19	2.190	0.26			
25	0.0028	8.50	100.00	0.26	0.260	0.00			
26	0.0023	8.75	100.00	0.00	0.000	0.00			
27	0.0020	9.00	100.00	0.00	0.000	0.00			
28	0.0016	9.25	100.00	0.00	0.000	0.00			
29	0.0014	9.50	100.00	0.00	0.000	0.00			

Percentiles		
	phi	mm
95	4.57	0.042
84	6.00	0.016
75	6.17	0.014
50	6.59	0.010
25	7.02	0.008
16	7.22	0.007
5	7.89	0.004

Stats from Moments		
	phi	mm
Mean	7.46	0.006
SD	1.30	
Skewness	-1.76	
Kurtosis	3.98	

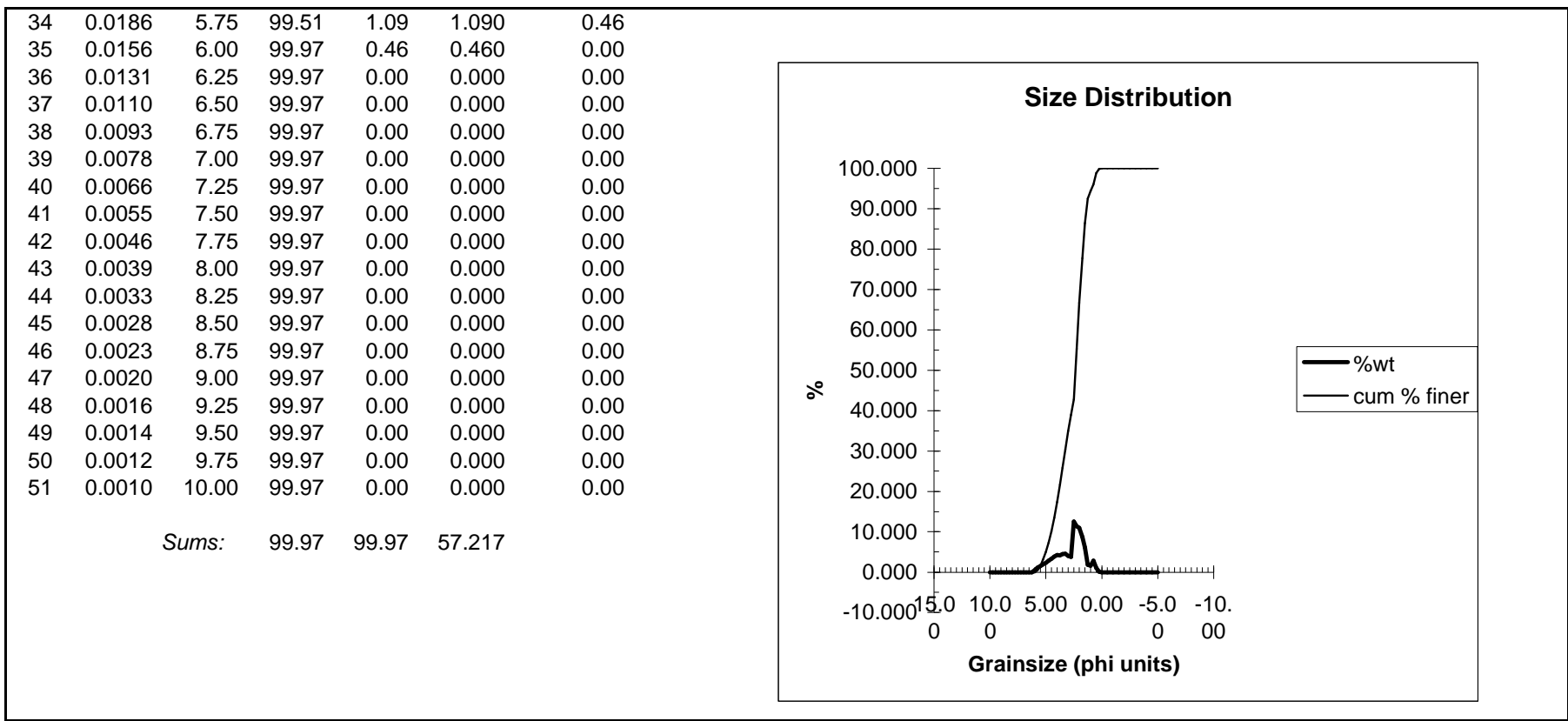
Folks' Graphic Stats		
	phi	mm
Mean (Mz)	6.60	0.010
Sorting (SI)	0.81	
Skewness (SkI)	-0.10	
Kurtosis (KG)	1.59	

30	0.0012	9.75	100.00	0.00	0.000	0.00
31	0.0010	10.00	100.00	0.00	0.000	0.00
32	0.0008	10.25	100.00	0.00	0.000	0.00
33	0.0007	10.50	100.00	0.00	0.000	0.00
34	0.0006	10.75	100.00	0.00	0.000	0.00
35	0.0005	11.00	100.00	0.00	0.000	0.00
36	0.0004	11.25	100.00	0.00	0.000	0.00
37	0.0003	11.50	100.00	0.00	0.000	0.00
38	0.0003	11.75	100.00	0.00	0.000	0.00
39	0.0002	12.00	100.00	0.00	0.000	0.00
40	0.0002	12.25	100.00	0.00	0.000	0.00
41	0.0002	12.50	100.00	0.00	0.000	0.00
42	0.0001	12.75	100.00	0.00	0.000	0.00
43	0.0001	13.00	100.00	0.00	0.000	0.00
44	0.0001	13.25	100.00	0.00	0.000	0.00
45	0.0001	13.50	100.00	0.00	0.000	0.00
46	0.0001	13.75	100.00	0.00	0.000	0.00
47	0.0001	14.00	100.00	0.00	0.000	0.00
48	0.0001	14.25	100.00	0.00	0.000	0.00
49	0.0000	14.50	100.00	0.00	0.000	0.00
50	0.0000	14.75	100.00	0.00	0.000	0.00
51	0.0000	15.00	100.00	0.00	0.000	0.00
Sums:			100	100	88.910	



MAHOENUI GROUP MUDSTONES

Sample 126 Mahoenui Group mudstones							Grainsize Statistics		
	mm	phi	wt (g)	wt (g)	wt% cum	% fine Modes			
			Cum						
1	32.0000	-5.00	0.00	0.00	0.000	100.00	Sample: 126		
2	22.6274	-4.50	0.00	0.00	0.000	100.00	Percentiles		
3	16.0000	-4.00	0.00	0.00	0.000	100.00		phi	mm
4	11.3137	-3.50	0.00	0.00	0.000	100.00	95	0.91	0.534
5	8.0000	-3.00	0.00	0.00	0.000	100.00	84	1.57	0.337
6	5.6569	-2.50	0.00	0.00	0.000	100.00	75	1.81	0.285
7	4.0000	-2.00	0.00	0.00	0.000	100.00	50	2.36	0.195
8	2.8284	-1.50	0.00	0.00	0.000	100.00	25	3.55	0.085
9	2.0000	-1.00	0.00	0.00	0.000	100.00	16	4.09	0.059
10	1.4142	-0.50	0.00	0.00	0.000	100.00	5	5.00	0.031
11	1.0000	0.00	0.00	0.00	0.000	100.00	Stats from Moments		
12	0.8409	0.25	0.12	0.12	0.120	99.88		phi	mm
13	0.7071	0.50	1.18	1.06	1.060	98.82	Mean	4.90	0.034
14	0.5946	0.75	3.99	2.81	2.811	96.01 mode at 0.63	SD	3.21	
15	0.5000	1.00	5.61	1.62	1.620	94.39	Skewness	-0.93	
16	0.4204	1.25	7.47	1.86	1.861	92.53	Kurtosis	0.93	
17	0.3536	1.50	13.60	6.13	6.132	86.40	Folks' Graphic Stats		
18	0.2973	1.75	22.29	8.69	8.693	77.70		phi	mm
19	0.2500	2.00	33.31	11.02	11.023	66.68	Mean (Mz)	2.67	0.157
20	0.2102	2.25	44.70	11.39	11.393	55.29	Sorting (SI)	1.25	
21	0.1768	2.50	57.20	12.50	12.504	42.78 mode at 2.38	Skewness (SkI)	0.33	
22	0.1487	2.75	61.01	3.81	3.811	38.97	Kurtosis (KG)	0.96	
23	0.1250	3.00	65.03	4.02	4.021	34.95 mode at 2.88			
24	0.1051	3.25	69.62	4.59	4.591	30.36 mode at 3.13			
25	0.0884	3.50	74.13	4.51	4.511	25.85			
26	0.0743	3.75	78.32	4.19	4.191	21.66			
27	0.0625	4.00	82.58	4.26	4.261	17.40			
28	0.0526	4.25	86.49	3.91	3.911	13.48			
29	0.0442	4.50	89.84	3.35	3.351	10.13			
30	0.0372	4.75	92.69	2.85	2.851	7.28			
31	0.0313	5.00	95.01	2.32	2.321	4.96			
32	0.0263	5.25	96.90	1.89	1.891	3.07			
33	0.0221	5.50	98.42	1.52	1.520	1.55			



Sample 126 Mahoenui Group mudstones							Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt% cum	% fine Modes	Sample: 127		
1	32.0000	-5.00	0.00	0.00	0.000	100.00	Percentiles		
2	22.6274	-4.50	0.00	0.00	0.000	100.00			
3	16.0000	-4.00	0.00	0.00	0.000	100.00			
4	11.3137	-3.50	0.00	0.00	0.000	100.00			
5	8.0000	-3.00	0.00	0.00	0.000	100.00			
6	5.6569	-2.50	0.00	0.00	0.000	100.00			
7	4.0000	-2.00	0.00	0.00	0.000	100.00			
8	2.8284	-1.50	0.00	0.00	0.000	100.00			
9	2.0000	-1.00	0.00	0.00	0.000	100.00			
10	1.4142	-0.50	0.00	0.00	0.000	100.00			
11	1.0000	0.00	0.00	0.00	0.000	100.00			
12	0.8409	0.25	1.00	1.00	1.000	99.00	Stats from Moments		
13	0.7071	0.50	2.11	1.11	1.110	97.89			
14	0.5946	0.75	5.29	3.18	3.180	94.71 mode at 0.63			
15	0.5000	1.00	7.03	1.74	1.740	92.97			
16	0.4204	1.25	8.98	1.95	1.950	91.02			
17	0.3536	1.50	15.43	6.45	6.450	84.57			
18	0.2973	1.75	24.66	9.23	9.230	75.34			
19	0.2500	2.00	36.67	12.01	12.010	63.33			
20	0.2102	2.25	50.50	13.83	13.830	49.50	Folks' Graphic Stats		
21	0.1768	2.50	68.79	18.29	18.290	31.21 mode at 2.38			
22	0.1487	2.75	74.39	5.60	5.600	25.61			
23	0.1250	3.00	79.82	5.43	5.430	20.18			
24	0.1051	3.25	85.24	5.42	5.420	14.76			
25	0.0884	3.50	89.57	4.33	4.330	10.43			
26	0.0743	3.75	92.80	3.23	3.230	7.20			
27	0.0625	4.00	95.36	2.56	2.560	4.64			
28	0.0526	4.25	97.11	1.75	1.750	2.89			
29	0.0442	4.50	98.23	1.12	1.120	1.77			
30	0.0372	4.75	99.00	0.77	0.770	1.00			
31	0.0313	5.00	99.60	0.60	0.600	0.40			
32	0.0263	5.25	100.00	0.40	0.400	0.00			
33	0.0221	5.50	100.00	0.00	0.000	0.00			

Sample: 127

Percentiles

	phi	mm
95	0.73	0.604
84	1.52	0.350
75	1.76	0.296
50	2.24	0.212
25	2.78	0.146
16	3.19	0.109
5	3.96	0.064

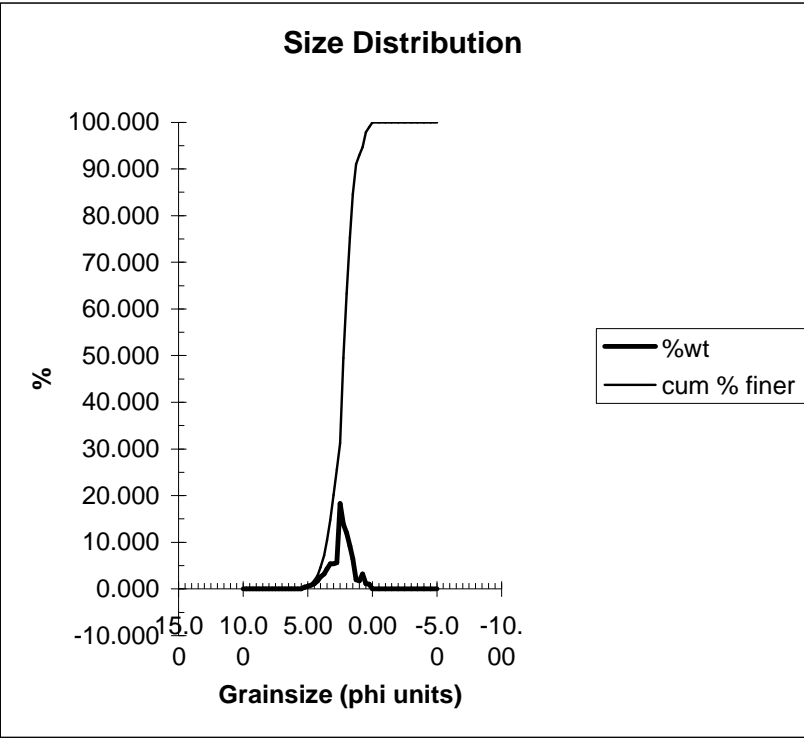
Stats from Moments

	phi	mm
Mean	3.52	0.087
SD	1.71	
Skewness	-1.08	
Kurtosis	1.42	

Folks' Graphic Stats

	phi	mm
Mean (Mz)	2.32	0.201
Sorting (SI)	0.91	
Skewness (SkI)	0.10	
Kurtosis (KG)	1.30	

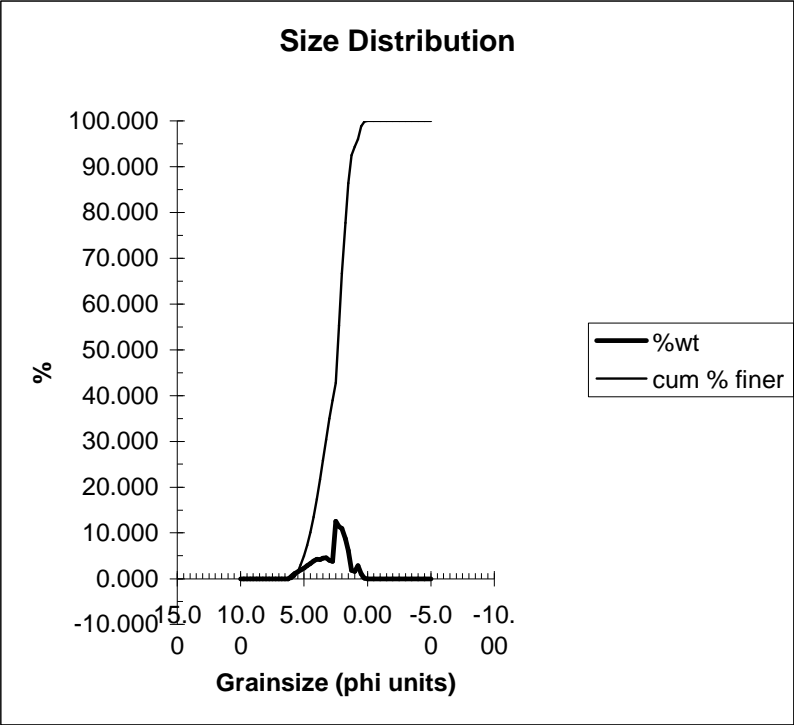
34	0.0186	5.75	100.00	0.00	0.000	0.00
35	0.0156	6.00	100.00	0.00	0.000	0.00
36	0.0131	6.25	100.00	0.00	0.000	0.00
37	0.0110	6.50	100.00	0.00	0.000	0.00
38	0.0093	6.75	100.00	0.00	0.000	0.00
39	0.0078	7.00	100.00	0.00	0.000	0.00
40	0.0066	7.25	100.00	0.00	0.000	0.00
41	0.0055	7.50	100.00	0.00	0.000	0.00
42	0.0046	7.75	100.00	0.00	0.000	0.00
43	0.0039	8.00	100.00	0.00	0.000	0.00
44	0.0033	8.25	100.00	0.00	0.000	0.00
45	0.0028	8.50	100.00	0.00	0.000	0.00
46	0.0023	8.75	100.00	0.00	0.000	0.00
47	0.0020	9.00	100.00	0.00	0.000	0.00
48	0.0016	9.25	100.00	0.00	0.000	0.00
49	0.0014	9.50	100.00	0.00	0.000	0.00
50	0.0012	9.75	100.00	0.00	0.000	0.00
51	0.0010	10.00	100.00	0.00	0.000	0.00
Sums:			100	100	68.790	



Sample 126 Mahoenui Group mudstones							Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % fine	Modes		
1	32.0000	-5.00	0.00	0.00	0.000	100.00		Sample:	126
2	22.6274	-4.50	0.00	0.00	0.000	100.00		Percentiles	
3	16.0000	-4.00	0.00	0.00	0.000	100.00			phi mm
4	11.3137	-3.50	0.00	0.00	0.000	100.00		95	0.91 0.534
5	8.0000	-3.00	0.00	0.00	0.000	100.00		84	1.57 0.337
6	5.6569	-2.50	0.00	0.00	0.000	100.00		75	1.81 0.285
7	4.0000	-2.00	0.00	0.00	0.000	100.00		50	2.36 0.195
8	2.8284	-1.50	0.00	0.00	0.000	100.00		25	3.55 0.085
9	2.0000	-1.00	0.00	0.00	0.000	100.00		16	4.09 0.059
10	1.4142	-0.50	0.00	0.00	0.000	100.00		5	5.00 0.031
11	1.0000	0.00	0.00	0.00	0.000	100.00		Stats from Moments	
12	0.8409	0.25	0.12	0.12	0.120	99.88			phi mm
13	0.7071	0.50	1.18	1.06	1.060	98.82		Mean	4.90 0.034
14	0.5946	0.75	3.99	2.81	2.811	96.01 mode at 0.63		SD	3.21
15	0.5000	1.00	5.61	1.62	1.620	94.39		Skewness	-0.93
16	0.4204	1.25	7.47	1.86	1.861	92.53		Kurtosis	0.93
17	0.3536	1.50	13.60	6.13	6.132	86.40		Folks' Graphic Stats	
18	0.2973	1.75	22.29	8.69	8.693	77.70			phi mm
19	0.2500	2.00	33.31	11.02	11.023	66.68		Mean (Mz)	2.67 0.157
20	0.2102	2.25	44.70	11.39	11.393	55.29		Sorting (SI)	1.25
21	0.1768	2.50	57.20	12.50	12.504	42.78 mode at 2.38		Skewness (Skl)	0.33
22	0.1487	2.75	61.01	3.81	3.811	38.97		Kurtosis (KG)	0.96
23	0.1250	3.00	65.03	4.02	4.021	34.95 mode at 2.88			
24	0.1051	3.25	69.62	4.59	4.591	30.36 mode at 3.13			
25	0.0884	3.50	74.13	4.51	4.511	25.85			
26	0.0743	3.75	78.32	4.19	4.191	21.66			
27	0.0625	4.00	82.58	4.26	4.261	17.40			
28	0.0526	4.25	86.49	3.91	3.911	13.48			
29	0.0442	4.50	89.84	3.35	3.351	10.13			
30	0.0372	4.75	92.69	2.85	2.851	7.28			
31	0.0313	5.00	95.01	2.32	2.321	4.96			
32	0.0263	5.25	96.90	1.89	1.891	3.07			
33	0.0221	5.50	98.42	1.52	1.520	1.55			

34	0.0186	5.75	99.51	1.09	1.090	0.46
35	0.0156	6.00	99.97	0.46	0.460	0.00
36	0.0131	6.25	99.97	0.00	0.000	0.00
37	0.0110	6.50	99.97	0.00	0.000	0.00
38	0.0093	6.75	99.97	0.00	0.000	0.00
39	0.0078	7.00	99.97	0.00	0.000	0.00
40	0.0066	7.25	99.97	0.00	0.000	0.00
41	0.0055	7.50	99.97	0.00	0.000	0.00
42	0.0046	7.75	99.97	0.00	0.000	0.00
43	0.0039	8.00	99.97	0.00	0.000	0.00
44	0.0033	8.25	99.97	0.00	0.000	0.00
45	0.0028	8.50	99.97	0.00	0.000	0.00
46	0.0023	8.75	99.97	0.00	0.000	0.00
47	0.0020	9.00	99.97	0.00	0.000	0.00
48	0.0016	9.25	99.97	0.00	0.000	0.00
49	0.0014	9.50	99.97	0.00	0.000	0.00
50	0.0012	9.75	99.97	0.00	0.000	0.00
51	0.0010	10.00	99.97	0.00	0.000	0.00

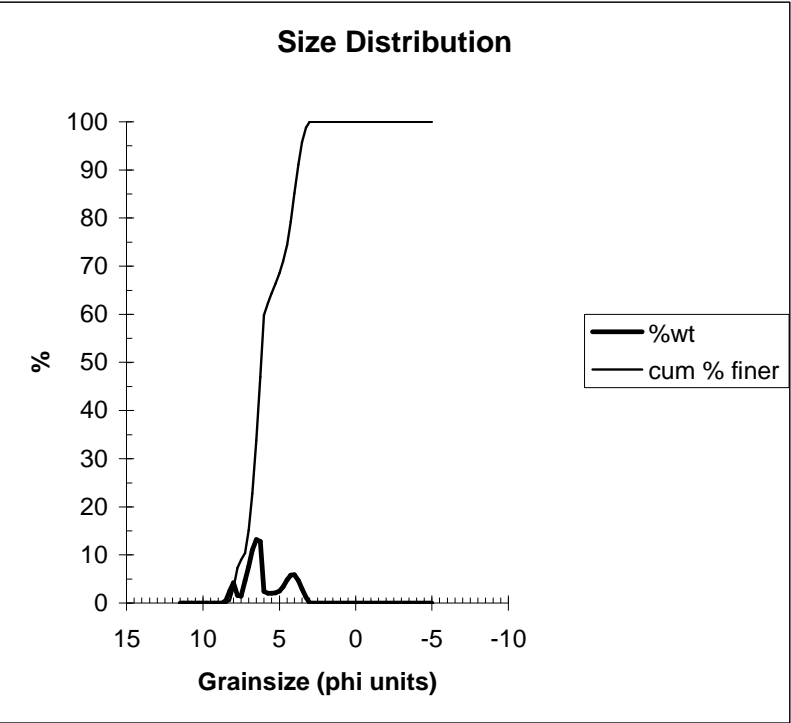
Sums: 99.97 99.97 57.217



DISCRETE SEAMS

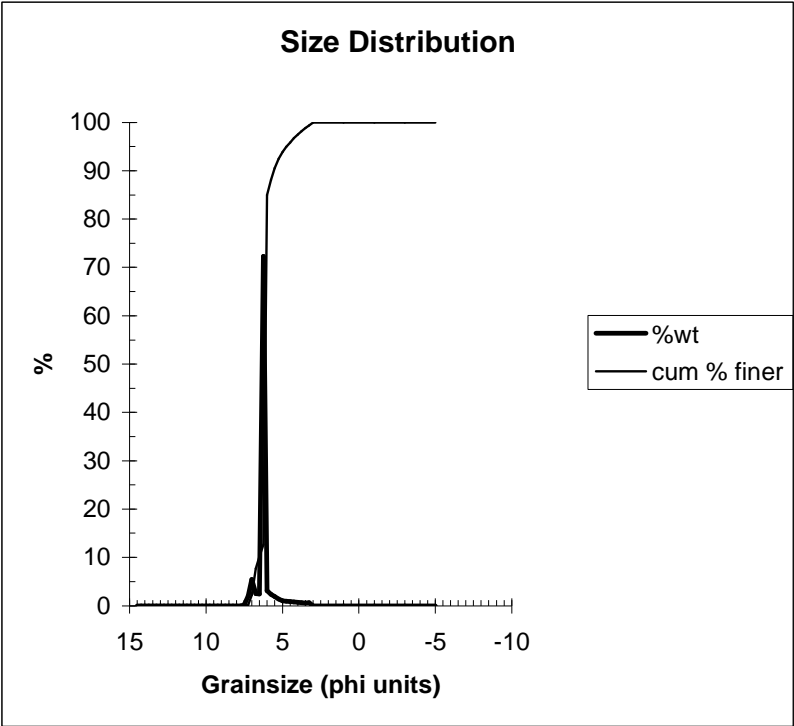
Sample 171 discrete seam Lower Steel								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 171		
1	32.0000	-5.00	0.00	0.00	0.000	100.00		Percentiles		
2	22.6274	-4.50	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
3	16.0000	-4.00	0.00	0.00	0.000	100.00		95	3.54	0.086
4	11.3137	-3.50	0.00	0.00	0.000	100.00		84	4.05	0.060
5	8.0000	-3.00	0.00	0.00	0.000	100.00		75	4.47	0.045
6	5.6569	-2.50	0.00	0.00	0.000	100.00		50	6.19	0.014
7	4.0000	-2.00	0.00	0.00	0.000	100.00		25	6.70	0.010
8	2.8284	-1.50	0.00	0.00	0.000	100.00		16	6.97	0.008
9	2.0000	-1.00	0.00	0.00	0.000	100.00		5	7.89	0.004
10	1.4142	-0.50	0.00	0.00	0.000	100.00		Stats from Moments		
11	1.0000	0.00	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
12	0.7071	0.50	0.00	0.00	0.000	100.00		Mean	39.79	0.000
13	0.5000	1.00	0.00	0.00	0.000	100.00		SD	87.91	
14	0.3536	1.50	0.00	0.00	0.000	100.00		Skewness	-0.39	
15	0.2500	2.00	0.00	0.00	0.000	100.00		Kurtosis	0.15	
16	0.1768	2.50	0.00	0.00	0.000	100.00		Folks' Graphic Stats		
17	0.1250	3.00	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
18	0.1051	3.25	1.22	1.22	1.220	98.78		Mean (Mz)	5.74	0.019
19	0.0884	3.50	4.21	2.99	2.990	95.79		Sorting (SI)	1.39	
20	0.0743	3.75	8.94	4.73	4.730	91.06		Skewness (SkI)	-0.34	
21	0.0625	4.00	14.87	5.93	5.929	85.13	mode at 3.88	Kurtosis (KG)	0.80	
22	0.0526	4.25	20.70	5.83	5.829	79.30				
23	0.0442	4.50	25.55	4.85	4.850	74.45				
24	0.0372	4.75	28.95	3.40	3.400	71.05				
25	0.0313	5.00	31.44	2.49	2.490	68.56				
26	0.0263	5.25	33.57	2.13	2.130	66.43				
27	0.0221	5.50	35.63	2.06	2.060	64.37				
28	0.0186	5.75	37.68	2.05	2.050	62.32				
29	0.0156	6.00	40.15	2.47	2.470	59.85				

30	0.0131	6.25	52.98	12.83	12.829	47.03
31	0.0110	6.50	66.19	13.21	13.209	33.82
32	0.0093	6.75	77.25	11.06	11.059	22.76
33	0.0078	7.00	84.88	7.63	7.629	15.13
34	0.0066	7.25	89.57	4.69	4.690	10.44
35	0.0055	7.50	91.03	1.46	1.460	8.98
36	0.0046	7.75	92.66	1.63	1.630	7.35
37	0.0039	8.00	96.91	4.25	4.250	3.10
38	0.0033	8.25	99.46	2.55	2.550	0.55
39	0.0028	8.50	99.99	0.53	0.530	0.02
40	0.0023	8.75	100.01	0.02	0.020	0.00
41	0.0020	9.00	100.01	0.00	0.000	0.00
42	0.0016	9.25	100.01	0.00	0.000	0.00
43	0.0014	9.50	100.01	0.00	0.000	0.00
44	0.0012	9.75	100.01	0.00	0.000	0.00
45	0.0010	10.00	100.01	0.00	0.000	0.00
46	0.0008	10.25	100.01	0.00	0.000	0.00
47	0.0007	10.50	100.01	0.00	0.000	0.00
48	0.0006	10.75	100.01	0.00	0.000	0.00
49	0.0005	11.00	100.01	0.00	0.000	0.00
50	0.0004	11.25	100.01	0.00	0.000	0.00
51	0.0003	11.50	100.01	0.00	0.000	0.00
Sums:			100.01	100.01	14.869	



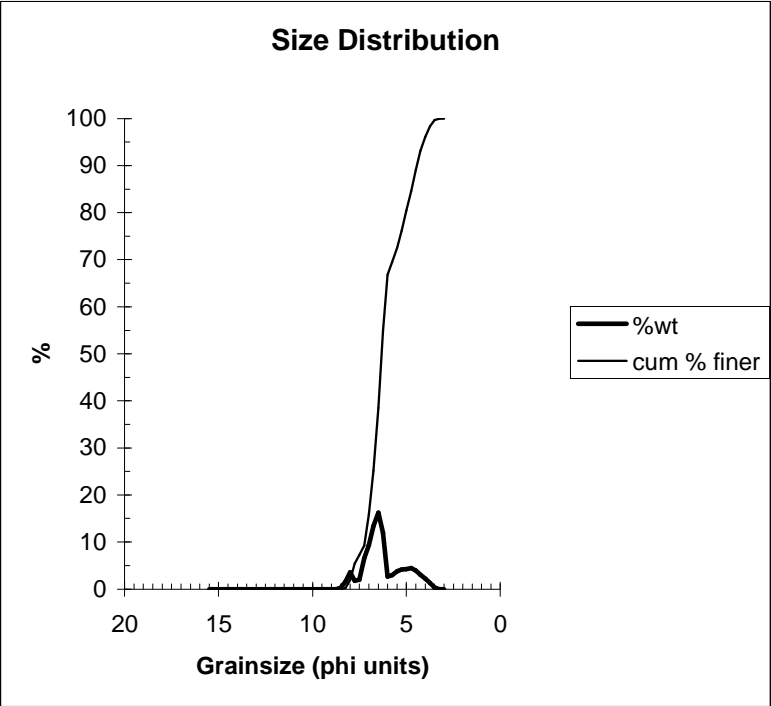
Sample 117 discrete seam Aglime								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 117		
1	32.0000	-5.00	0.00	0.00	0.000	100.00		Percentiles		
2	8.0000	-3.00	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
3	2.0000	-1.00	0.00	0.00	0.000	100.00		95	4.72	0.038
4	0.5000	1.00	0.00	0.00	0.000	100.00		84	6.00	0.016
5	0.1250	3.00	0.00	0.00	0.000	100.00		75	6.03	0.015
6	0.1051	3.25	0.61	0.61	0.610	99.39	mode at 3.13	50	6.12	0.014
7	0.0884	3.50	1.16	0.55	0.550	98.84		25	6.21	0.014
8	0.0743	3.75	1.81	0.65	0.650	98.19		16	6.24	0.013
9	0.0625	4.00	2.53	0.72	0.720	97.47		5	6.87	0.009
10	0.0526	4.25	3.29	0.76	0.760	96.71		Stats from Moments		
11	0.0442	4.50	4.14	0.85	0.850	95.86			<i>phi</i>	<i>mm</i>
12	0.0372	4.75	5.10	0.96	0.960	94.90		Mean	6.30	0.013
13	0.0313	5.00	6.16	1.06	1.060	93.84		SD	0.62	
14	0.0263	5.25	7.56	1.40	1.400	92.44		Skewness	-2.82	
15	0.0221	5.50	9.50	1.94	1.940	90.50		Kurtosis	11.99	
16	0.0186	5.75	11.88	2.38	2.380	88.12		Folks' Graphic Stats		
17	0.0156	6.00	15.04	3.16	3.160	84.96			<i>phi</i>	<i>mm</i>
18	0.0131	6.25	87.37	72.33	72.330	12.63	mode at 6.13	Mean (Mz)	6.12	0.014
19	0.0110	6.50	89.84	2.47	2.470	10.16		Sorting (SI)	0.38	
20	0.0093	6.75	92.35	2.51	2.510	7.65		Skewness (SkI)	-0.15	
21	0.0078	7.00	97.82	5.47	5.470	2.18	mode at 6.88	Kurtosis (KG)	5.09	
22	0.0066	7.25	99.83	2.01	2.010	0.17				
23	0.0055	7.50	100.00	0.17	0.170	0.00				
24	0.0046	7.75	100.00	0.00	0.000	0.00				
25	0.0039	8.00	100.00	0.00	0.000	0.00				
26	0.0033	8.25	100.00	0.00	0.000	0.00				
27	0.0028	8.50	100.00	0.00	0.000	0.00				
28	0.0023	8.75	100.00	0.00	0.000	0.00				
29	0.0020	9.00	100.00	0.00	0.000	0.00				

30	0.0016	9.25	100.00	0.00	0.000	0.00
31	0.0014	9.50	100.00	0.00	0.000	0.00
32	0.0012	9.75	100.00	0.00	0.000	0.00
33	0.0010	10.00	100.00	0.00	0.000	0.00
34	0.0008	10.25	100.00	0.00	0.000	0.00
35	0.0007	10.50	100.00	0.00	0.000	0.00
36	0.0006	10.75	100.00	0.00	0.000	0.00
37	0.0005	11.00	100.00	0.00	0.000	0.00
38	0.0004	11.25	100.00	0.00	0.000	0.00
39	0.0003	11.50	100.00	0.00	0.000	0.00
40	0.0003	11.75	100.00	0.00	0.000	0.00
41	0.0002	12.00	100.00	0.00	0.000	0.00
42	0.0002	12.25	100.00	0.00	0.000	0.00
43	0.0002	12.50	100.00	0.00	0.000	0.00
44	0.0001	12.75	100.00	0.00	0.000	0.00
45	0.0001	13.00	100.00	0.00	0.000	0.00
46	0.0001	13.25	100.00	0.00	0.000	0.00
47	0.0001	13.50	100.00	0.00	0.000	0.00
48	0.0001	13.75	100.00	0.00	0.000	0.00
49	0.0001	14.00	100.00	0.00	0.000	0.00
50	0.0001	14.25	100.00	0.00	0.000	0.00
51	0.0000	14.50	100.00	0.00	0.000	0.00
Sums:			100	100	97.820	



Sample 141 discrete seam Aglime								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 141		
1	0.1250	3.00	0.00	0.00	0.000	100.00		Percentiles		
2	0.1051	3.25	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
3	0.0884	3.50	0.34	0.34	0.340	99.66		95	4.10	0.059
4	0.0743	3.75	1.66	1.32	1.320	98.34		84	4.79	0.036
5	0.0625	4.00	3.84	2.18	2.180	96.16		75	5.33	0.025
6	0.0526	4.25	6.89	3.05	3.050	93.11		50	6.32	0.012
7	0.0442	4.50	10.88	3.99	3.990	89.12		25	6.76	0.009
8	0.0372	4.75	15.37	4.49	4.490	84.63	mode at 4.63	16	7.00	0.008
9	0.0313	5.00	19.62	4.25	4.250	80.38		5	7.78	0.005
10	0.0263	5.25	23.78	4.16	4.160	76.22		Stats from Moments		
11	0.0221	5.50	27.54	3.76	3.760	72.46			<i>phi</i>	<i>mm</i>
12	0.0186	5.75	30.51	2.97	2.970	69.49		Mean	6.33	0.012
13	0.0156	6.00	33.21	2.70	2.700	66.79		SD	1.08	
14	0.0131	6.25	45.16	11.95	11.950	54.84		Skewness	-0.81	
15	0.0110	6.50	61.44	16.28	16.280	38.56	mode at 6.38	Kurtosis	2.81	
16	0.0093	6.75	74.81	13.37	13.370	25.19		Folks' Graphic Stats		
17	0.0078	7.00	84.16	9.35	9.350	15.84			<i>phi</i>	<i>mm</i>
18	0.0066	7.25	90.75	6.59	6.590	9.25		Mean (Mz)	6.04	0.015
19	0.0055	7.50	92.73	1.98	1.980	7.27		Sorting (SI)	1.11	
20	0.0046	7.75	94.53	1.80	1.800	5.47		Skewness (SkI)	-0.30	
21	0.0039	8.00	98.08	3.55	3.550	1.92	mode at 7.88	Kurtosis (KG)	1.06	
22	0.0033	8.25	99.73	1.65	1.650	0.27				
23	0.0028	8.50	99.99	0.26	0.260	0.01				
24	0.0023	8.75	100.00	0.01	0.010	0.00				
25	0.0020	9.00	100.00	0.00	0.000	0.00				
26	0.0016	9.25	100.00	0.00	0.000	0.00				
27	0.0014	9.50	100.00	0.00	0.000	0.00				
28	0.0012	9.75	100.00	0.00	0.000	0.00				
29	0.0010	10.00	100.00	0.00	0.000	0.00				

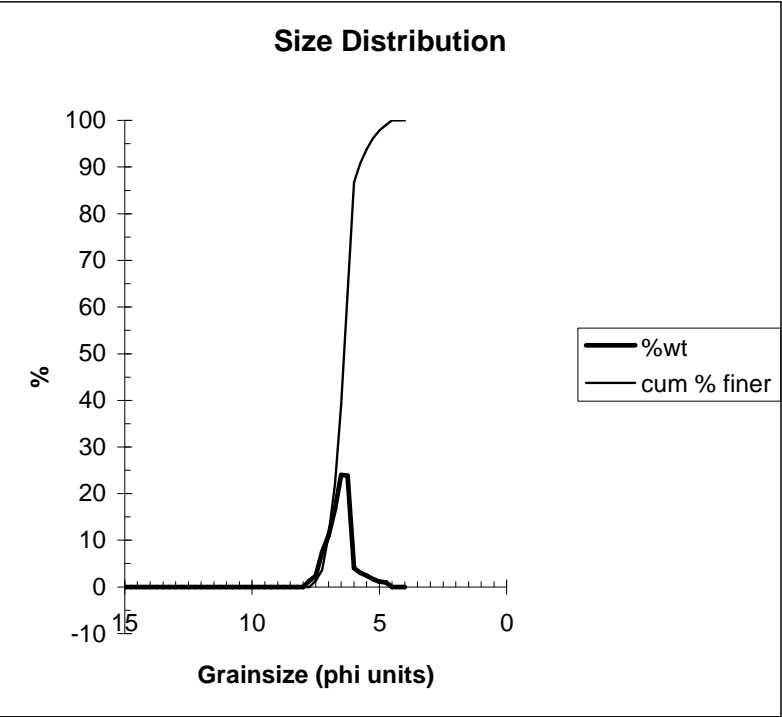
30	0.0008	10.25	100.00	0.00	0.000	0.00
31	0.0007	10.50	100.00	0.00	0.000	0.00
32	0.0006	10.75	100.00	0.00	0.000	0.00
33	0.0005	11.00	100.00	0.00	0.000	0.00
34	0.0004	11.25	100.00	0.00	0.000	0.00
35	0.0003	11.50	100.00	0.00	0.000	0.00
36	0.0003	11.75	100.00	0.00	0.000	0.00
37	0.0002	12.00	100.00	0.00	0.000	0.00
38	0.0002	12.25	100.00	0.00	0.000	0.00
39	0.0002	12.50	100.00	0.00	0.000	0.00
40	0.0001	12.75	100.00	0.00	0.000	0.00
41	0.0001	13.00	100.00	0.00	0.000	0.00
42	0.0001	13.25	100.00	0.00	0.000	0.00
43	0.0001	13.50	100.00	0.00	0.000	0.00
44	0.0001	13.75	100.00	0.00	0.000	0.00
45	0.0001	14.00	100.00	0.00	0.000	0.00
46	0.0001	14.25	100.00	0.00	0.000	0.00
47	0.0000	14.50	100.00	0.00	0.000	0.00
48	0.0000	14.75	100.00	0.00	0.000	0.00
49	0.0000	15.00	100.00	0.00	0.000	0.00
50	0.0000	15.25	100.00	0.00	0.000	0.00
51	0.0000	15.50	100.00	0.00	0.000	0.00
Sums:			100	100	98.080	



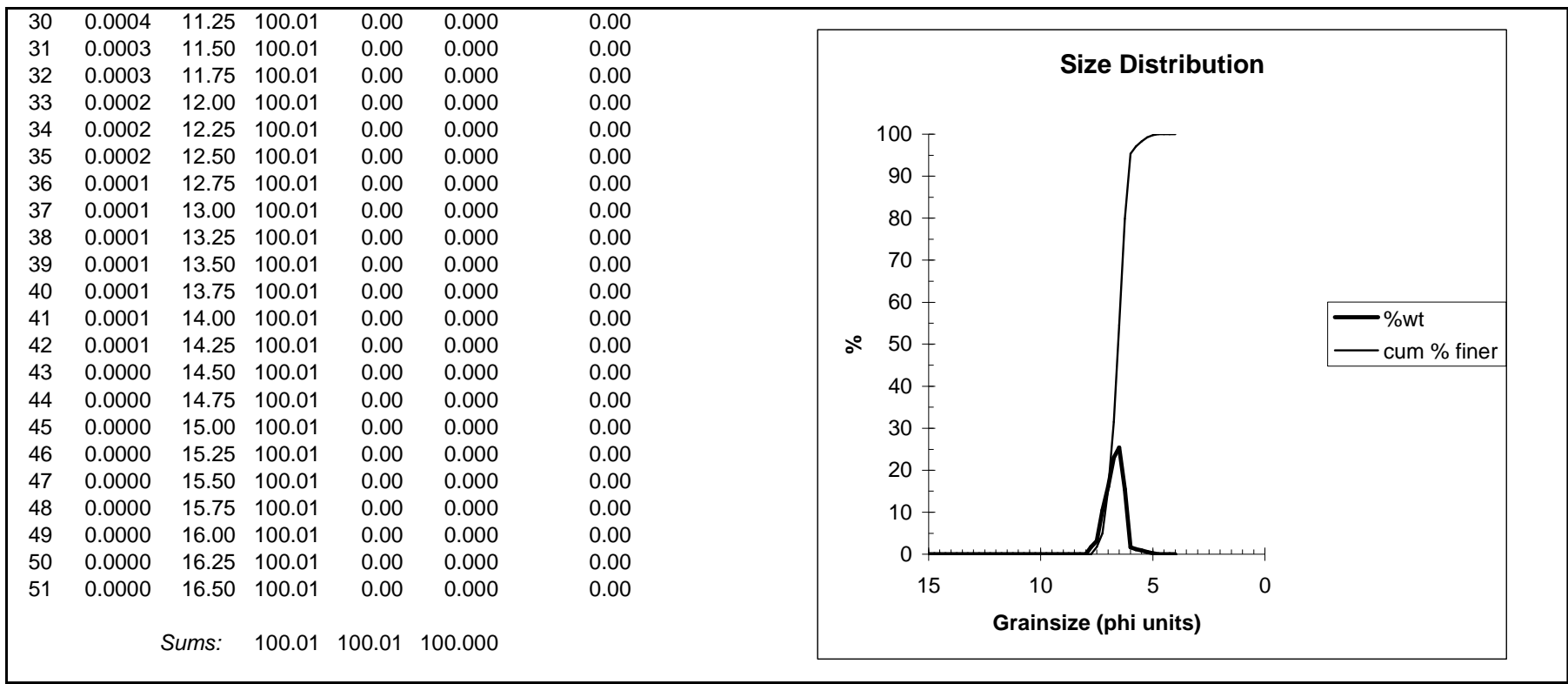
Sample 138 discrete seam Upper Steel							Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample:	138
1	0.0625	4.00	0.00	0.00	0.000	100.00			
2	0.0442	4.50	0.00	0.00	0.000	100.00			
3	0.0372	4.75	0.99	0.99	0.990	99.01			
4	0.0313	5.00	2.12	1.13	1.130	97.88			
5	0.0263	5.25	3.80	1.68	1.680	96.20			
6	0.0221	5.50	6.21	2.41	2.410	93.79			
7	0.0186	5.75	9.22	3.01	3.010	90.78			
8	0.0156	6.00	13.26	4.04	4.040	86.74			
9	0.0131	6.25	37.07	23.81	23.808	62.93			
10	0.0110	6.50	61.05	23.98	23.978	38.96	mode at 6.38		
11	0.0093	6.75	77.82	16.77	16.768	22.19			
12	0.0078	7.00	88.88	11.06	11.059	11.13			
13	0.0066	7.25	96.36	7.48	7.479	3.65			
14	0.0055	7.50	98.71	2.35	2.350	1.30			
15	0.0046	7.75	100.01	1.30	1.300	0.00			
16	0.0039	8.00	100.01	0.00	0.000	0.00			
17	0.0033	8.25	100.01	0.00	0.000	0.00			
18	0.0028	8.50	100.01	0.00	0.000	0.00			
19	0.0023	8.75	100.01	0.00	0.000	0.00			
20	0.0020	9.00	100.01	0.00	0.000	0.00			
21	0.0016	9.25	100.01	0.00	0.000	0.00			
22	0.0014	9.50	100.01	0.00	0.000	0.00			
23	0.0012	9.75	100.01	0.00	0.000	0.00			
24	0.0010	10.00	100.01	0.00	0.000	0.00			
25	0.0008	10.25	100.01	0.00	0.000	0.00			
26	0.0007	10.50	100.01	0.00	0.000	0.00			
27	0.0006	10.75	100.01	0.00	0.000	0.00			
28	0.0005	11.00	100.01	0.00	0.000	0.00			
29	0.0004	11.25	100.01	0.00	0.000	0.00			
								Percentiles	
								<i>phi</i>	<i>mm</i>
								95	5.37 0.024
								84	6.03 0.015
								75	6.12 0.014
								50	6.38 0.012
								25	6.71 0.010
								16	6.89 0.008
								5	7.20 0.007
								Stats from Moments	
								<i>phi</i>	<i>mm</i>
								Mean	6.51 0.011
								SD	0.52
								Skewness	-0.58
								Kurtosis	4.30
								Folks' Graphic Stats	
								<i>phi</i>	<i>mm</i>
								Mean (Mz)	6.43 0.012
								Sorting (SI)	0.49
								Skewness (SkI)	0.03
								Kurtosis (KG)	1.28

30	0.0003	11.50	100.01	0.00	0.000	0.00
31	0.0003	11.75	100.01	0.00	0.000	0.00
32	0.0002	12.00	100.01	0.00	0.000	0.00
33	0.0002	12.25	100.01	0.00	0.000	0.00
34	0.0002	12.50	100.01	0.00	0.000	0.00
35	0.0001	12.75	100.01	0.00	0.000	0.00
36	0.0001	13.00	100.01	0.00	0.000	0.00
37	0.0001	13.25	100.01	0.00	0.000	0.00
38	0.0001	13.50	100.01	0.00	0.000	0.00
39	0.0001	13.75	100.01	0.00	0.000	0.00
40	0.0001	14.00	100.01	0.00	0.000	0.00
41	0.0001	14.25	100.01	0.00	0.000	0.00
42	0.0000	14.50	100.01	0.00	0.000	0.00
43	0.0000	14.75	100.01	0.00	0.000	0.00
44	0.0000	15.00	100.01	0.00	0.000	0.00
45	0.0000	15.25	100.01	0.00	0.000	0.00
46	0.0000	15.50	100.01	0.00	0.000	0.00
47	0.0000	15.75	100.01	0.00	0.000	0.00
48	0.0000	16.00	100.01	0.00	0.000	0.00
49	0.0000	16.25	100.01	0.00	0.000	0.00
50	0.0000	16.50	100.01	0.00	0.000	0.00
51	0.0000	16.75	100.01	0.00	0.000	0.00

Sums: 100.01 100.01 100.000



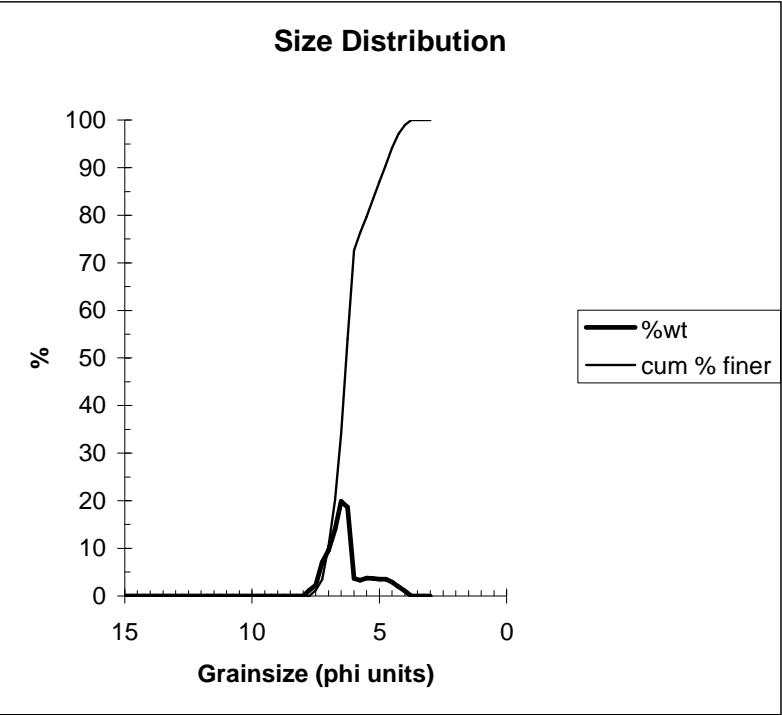
Sample 108 discrete seam High Grade							Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 108	
1	0.0625	4.00	0.00	0.00	0.000	100.00		Percentiles	
2	0.0526	4.25	0.00	0.00	0.000	100.00			
3	0.0442	4.50	0.00	0.00	0.000	100.00		<i>phi</i>	<i>mm</i>
4	0.0372	4.75	0.00	0.00	0.000	100.00		95	6.01 0.016
5	0.0313	5.00	0.22	0.22	0.220	99.78		84	6.18 0.014
6	0.0263	5.25	0.78	0.56	0.560	99.22		75	6.30 0.013
7	0.0221	5.50	1.72	0.94	0.940	98.28		50	6.55 0.011
8	0.0186	5.75	2.93	1.21	1.210	97.07		25	6.85 0.009
9	0.0156	6.00	4.64	1.71	1.710	95.36		16	6.99 0.008
10	0.0131	6.25	20.11	15.47	15.468	79.89		5	7.25 0.007
11	0.0110	6.50	45.50	25.39	25.387	54.50	mode at 6.38		
12	0.0093	6.75	68.49	22.99	22.988	31.52			
13	0.0078	7.00	84.60	16.11	16.108	15.41		Stats from Moments	
14	0.0066	7.25	95.08	10.48	10.479	4.93		<i>phi</i>	<i>mm</i>
15	0.0055	7.50	98.26	3.18	3.180	1.75		Mean	6.69 0.010
16	0.0046	7.75	100.01	1.75	1.750	0.00		SD	0.42
17	0.0039	8.00	100.01	0.00	0.000	0.00		Skewness	-0.20
18	0.0033	8.25	100.01	0.00	0.000	0.00		Kurtosis	4.01
19	0.0028	8.50	100.01	0.00	0.000	0.00		Folks' Graphic Stats	
20	0.0023	8.75	100.01	0.00	0.000	0.00		<i>phi</i>	<i>mm</i>
21	0.0020	9.00	100.01	0.00	0.000	0.00		Mean (Mz)	6.57 0.010
22	0.0016	9.25	100.01	0.00	0.000	0.00		Sorting (SI)	0.39
23	0.0014	9.50	100.01	0.00	0.000	0.00		Skewness (SkI)	0.11
24	0.0012	9.75	100.01	0.00	0.000	0.00		Kurtosis (KG)	0.92
25	0.0010	10.00	100.01	0.00	0.000	0.00			
26	0.0008	10.25	100.01	0.00	0.000	0.00			
27	0.0007	10.50	100.01	0.00	0.000	0.00			
28	0.0006	10.75	100.01	0.00	0.000	0.00			
29	0.0005	11.00	100.01	0.00	0.000	0.00			



Sample 118 discrete seam Aglime								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 118		
1	0.1250	3.00	0.00	0.00	0.000	100.00		Percentiles		
2	0.1051	3.25	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
3	0.0884	3.50	0.00	0.00	0.000	100.00		95	4.43	0.047
4	0.0743	3.75	0.00	0.00	0.000	100.00		84	5.21	0.027
5	0.0625	4.00	1.04	1.04	1.040	98.96		75	5.84	0.017
6	0.0526	4.25	2.95	1.91	1.910	97.05		50	6.30	0.013
7	0.0442	4.50	5.86	2.91	2.910	94.14		25	6.66	0.010
8	0.0372	4.75	9.39	3.53	3.530	90.61	mode at 4.63	16	6.86	0.009
9	0.0313	5.00	12.91	3.52	3.520	87.09		5	7.20	0.007
10	0.0263	5.25	16.61	3.70	3.700	83.39		Stats from Moments		
11	0.0221	5.50	20.34	3.73	3.730	79.66	mode at 5.38		<i>phi</i>	<i>mm</i>
12	0.0186	5.75	23.66	3.32	3.320	76.34		Mean	6.26	0.013
13	0.0156	6.00	27.37	3.71	3.710	72.63		SD	0.81	
14	0.0131	6.25	46.03	18.66	18.660	53.97		Skewness	-0.89	
15	0.0110	6.50	65.88	19.85	19.850	34.12	mode at 6.38	Kurtosis	3.26	
16	0.0093	6.75	79.83	13.95	13.950	20.17		Folks' Graphic Stats		
17	0.0078	7.00	89.47	9.64	9.640	10.53			<i>phi</i>	<i>mm</i>
18	0.0066	7.25	96.50	7.03	7.030	3.50		Mean (Mz)	6.12	0.014
19	0.0055	7.50	98.76	2.26	2.260	1.24		Sorting (SI)	0.83	
20	0.0046	7.75	100.00	1.24	1.240	0.00		Skewness (Sk)	-0.34	
21	0.0039	8.00	100.00	0.00	0.000	0.00		Kurtosis (KG)	1.38	
22	0.0033	8.25	100.00	0.00	0.000	0.00				
23	0.0028	8.50	100.00	0.00	0.000	0.00				
24	0.0023	8.75	100.00	0.00	0.000	0.00				
25	0.0020	9.00	100.00	0.00	0.000	0.00				
26	0.0016	9.25	100.00	0.00	0.000	0.00				
27	0.0014	9.50	100.00	0.00	0.000	0.00				
28	0.0012	9.75	100.00	0.00	0.000	0.00				
29	0.0010	10.00	100.00	0.00	0.000	0.00				

30	0.0008	10.25	100.00	0.00	0.000	0.00
31	0.0007	10.50	100.00	0.00	0.000	0.00
32	0.0006	10.75	100.00	0.00	0.000	0.00
33	0.0005	11.00	100.00	0.00	0.000	0.00
34	0.0004	11.25	100.00	0.00	0.000	0.00
35	0.0003	11.50	100.00	0.00	0.000	0.00
36	0.0003	11.75	100.00	0.00	0.000	0.00
37	0.0002	12.00	100.00	0.00	0.000	0.00
38	0.0002	12.25	100.00	0.00	0.000	0.00
39	0.0002	12.50	100.00	0.00	0.000	0.00
40	0.0001	12.75	100.00	0.00	0.000	0.00
41	0.0001	13.00	100.00	0.00	0.000	0.00
42	0.0001	13.25	100.00	0.00	0.000	0.00
43	0.0001	13.50	100.00	0.00	0.000	0.00
44	0.0001	13.75	100.00	0.00	0.000	0.00
45	0.0001	14.00	100.00	0.00	0.000	0.00
46	0.0001	14.25	100.00	0.00	0.000	0.00
47	0.0000	14.50	100.00	0.00	0.000	0.00
48	0.0000	14.75	100.00	0.00	0.000	0.00
49	0.0000	15.00	100.00	0.00	0.000	0.00
50	0.0000	15.25	100.00	0.00	0.000	0.00
51	0.0000	15.50	100.00	0.00	0.000	0.00

Sums: 100 100 100.000



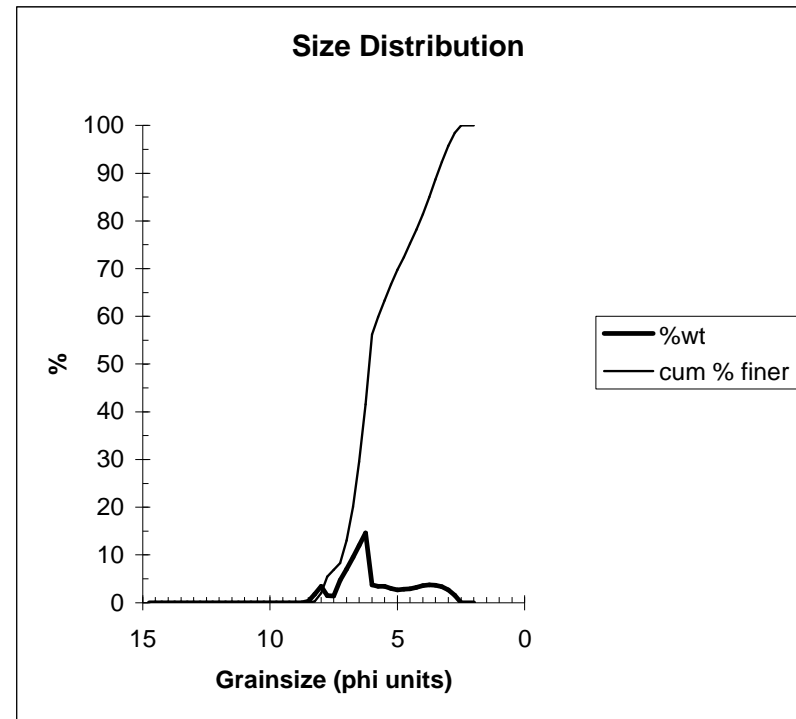
Sample 163 discrete seam Upper Steel								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum %	finer	Modes	Sample:	163
1	0.2500	2.00	0.00	0.00	0.000		100.00		Percentiles	
2	0.1768	2.50	0.00	0.00	0.000		100.00			
3	0.1487	2.75	1.57	1.57	1.570		98.43			
4	0.1250	3.00	4.24	2.67	2.670		95.76			
5	0.1051	3.25	7.62	3.38	3.380		92.38			
6	0.0884	3.50	11.30	3.68	3.680		88.70			
7	0.0743	3.75	15.02	3.72	3.720		84.98	mode at 3.63		
8	0.0625	4.00	18.59	3.57	3.570		81.41			
9	0.0526	4.25	21.80	3.21	3.210		78.20			
10	0.0442	4.50	24.73	2.93	2.930		75.27			
11	0.0372	4.75	27.58	2.85	2.850		72.42			
12	0.0313	5.00	30.26	2.68	2.680		69.74			
13	0.0263	5.25	33.26	3.00	3.000		66.74			
14	0.0221	5.50	36.70	3.44	3.440		63.30			
15	0.0186	5.75	40.14	3.44	3.440		59.86			
16	0.0156	6.00	43.85	3.71	3.710		56.15			
17	0.0131	6.25	58.44	14.59	14.589		41.57	mode at 6.13		
18	0.0110	6.50	70.44	12.00	11.999		29.57			
19	0.0093	6.75	79.91	9.47	9.469		20.10			
20	0.0078	7.00	86.98	7.07	7.069		13.03			
21	0.0066	7.25	91.68	4.70	4.700		8.33			
22	0.0055	7.50	93.08	1.40	1.400		6.93			
23	0.0046	7.75	94.53	1.45	1.450		5.48	mode at 7.63		
24	0.0039	8.00	97.99	3.46	3.460		2.02	mode at 7.88		
25	0.0033	8.25	99.74	1.75	1.750		0.27			
26	0.0028	8.50	100.01	0.27	0.270		0.00			
27	0.0023	8.75	100.01	0.00	0.000		0.00			
28	0.0020	9.00	100.01	0.00	0.000		0.00			
29	0.0016	9.25	100.01	0.00	0.000		0.00			

Stats from Moments		
	phi	mm
Mean	6.30	0.013
SD	1.57	
Skewness	-1.31	
Kurtosis	2.74	

Folks' Graphic Stats		
	phi	mm
Mean (Mz)	5.61	0.021
Sorting (SI)	1.49	
Skewness (SkI)	-0.39	
Kurtosis (KG)	0.92	

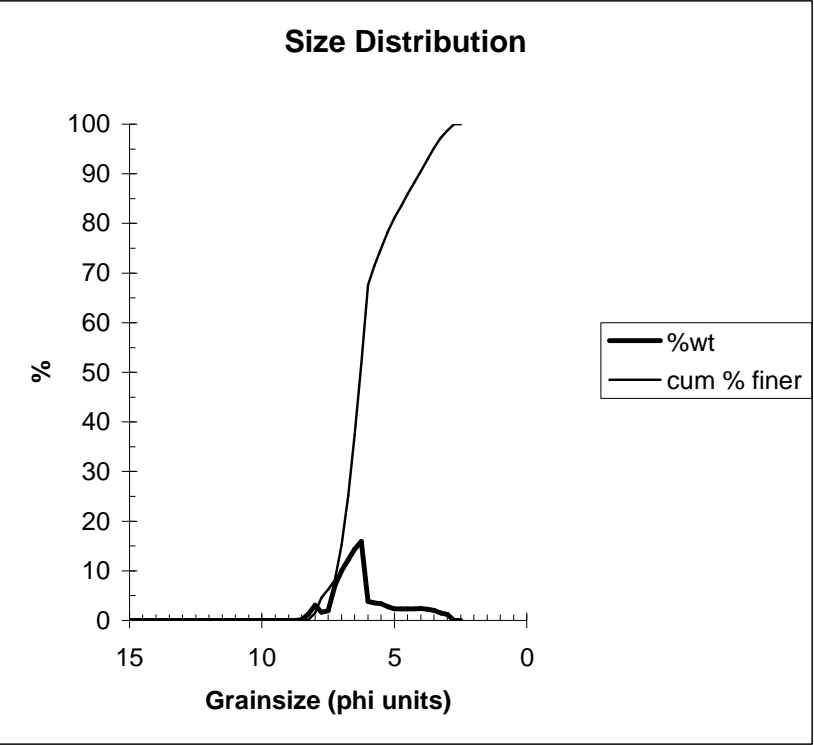
30	0.0014	9.50	100.01	0.00	0.000	0.00
31	0.0012	9.75	100.01	0.00	0.000	0.00
32	0.0010	10.00	100.01	0.00	0.000	0.00
33	0.0008	10.25	100.01	0.00	0.000	0.00
34	0.0007	10.50	100.01	0.00	0.000	0.00
35	0.0006	10.75	100.01	0.00	0.000	0.00
36	0.0005	11.00	100.01	0.00	0.000	0.00
37	0.0004	11.25	100.01	0.00	0.000	0.00
38	0.0003	11.50	100.01	0.00	0.000	0.00
39	0.0003	11.75	100.01	0.00	0.000	0.00
40	0.0002	12.00	100.01	0.00	0.000	0.00
41	0.0002	12.25	100.01	0.00	0.000	0.00
42	0.0002	12.50	100.01	0.00	0.000	0.00
43	0.0001	12.75	100.01	0.00	0.000	0.00
44	0.0001	13.00	100.01	0.00	0.000	0.00
45	0.0001	13.25	100.01	0.00	0.000	0.00
46	0.0001	13.50	100.01	0.00	0.000	0.00
47	0.0001	13.75	100.01	0.00	0.000	0.00
48	0.0001	14.00	100.01	0.00	0.000	0.00
49	0.0001	14.25	100.01	0.00	0.000	0.00
50	0.0000	14.50	100.01	0.00	0.000	0.00
51	0.0000	14.75	100.01	0.00	0.000	0.00

Sums: 100.01 100.01 91.671



Sample 152 discrete seam Aglime								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 152		
1	0.1768	2.50	0.00	0.00	0.000	100.00		Percentiles		
2	0.1487	2.75	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
3	0.1250	3.00	1.25	1.25	1.250	98.75		95	3.53	0.087
4	0.1051	3.25	2.77	1.52	1.520	97.23		84	4.70	0.039
5	0.0884	3.50	4.77	2.00	2.000	95.23		75	5.50	0.022
6	0.0743	3.75	7.05	2.28	2.280	92.95		50	6.28	0.013
7	0.0625	4.00	9.45	2.40	2.400	90.55	mode at 3.88	25	6.75	0.009
8	0.0526	4.25	11.79	2.34	2.340	88.21		16	6.98	0.008
9	0.0442	4.50	14.13	2.34	2.340	85.87		5	7.68	0.005
10	0.0372	4.75	16.49	2.36	2.360	83.51		Stats from Moments		
11	0.0313	5.00	18.85	2.36	2.360	81.15			<i>phi</i>	<i>mm</i>
12	0.0263	5.25	21.66	2.81	2.810	78.34		Mean	6.54	0.011
13	0.0221	5.50	25.06	3.40	3.400	74.94		SD	1.28	
14	0.0186	5.75	28.55	3.49	3.490	71.45		Skewness	-1.59	
15	0.0156	6.00	32.40	3.85	3.850	67.60		Kurtosis	3.89	
16	0.0131	6.25	48.34	15.94	15.938	51.66	mode at 6.13	Folks' Graphic Stats		
17	0.0110	6.50	62.65	14.31	14.309	37.36			<i>phi</i>	<i>mm</i>
18	0.0093	6.75	74.89	12.24	12.239	25.12		Mean (Mz)	5.99	0.016
19	0.0078	7.00	84.86	9.97	9.969	15.15		Sorting (SI)	1.20	
20	0.0066	7.25	91.88	7.02	7.019	8.13		Skewness (SkI)	-0.36	
21	0.0055	7.50	93.81	1.93	1.930	6.20		Kurtosis (KG)	1.36	
22	0.0046	7.75	95.44	1.63	1.630	4.57				
23	0.0039	8.00	98.54	3.10	3.100	1.47	mode at 7.88			
24	0.0033	8.25	99.83	1.29	1.290	0.18				
25	0.0028	8.50	99.99	0.16	0.160	0.02				
26	0.0023	8.75	100.01	0.02	0.020	0.00				
27	0.0020	9.00	100.01	0.00	0.000	0.00				
28	0.0016	9.25	100.01	0.00	0.000	0.00				
29	0.0014	9.50	100.01	0.00	0.000	0.00				

30	0.0012	9.75	100.01	0.00	0.000	0.00
31	0.0010	10.00	100.01	0.00	0.000	0.00
32	0.0008	10.25	100.01	0.00	0.000	0.00
33	0.0007	10.50	100.01	0.00	0.000	0.00
34	0.0006	10.75	100.01	0.00	0.000	0.00
35	0.0005	11.00	100.01	0.00	0.000	0.00
36	0.0004	11.25	100.01	0.00	0.000	0.00
37	0.0003	11.50	100.01	0.00	0.000	0.00
38	0.0003	11.75	100.01	0.00	0.000	0.00
39	0.0002	12.00	100.01	0.00	0.000	0.00
40	0.0002	12.25	100.01	0.00	0.000	0.00
41	0.0002	12.50	100.01	0.00	0.000	0.00
42	0.0001	12.75	100.01	0.00	0.000	0.00
43	0.0001	13.00	100.01	0.00	0.000	0.00
44	0.0001	13.25	100.01	0.00	0.000	0.00
45	0.0001	13.50	100.01	0.00	0.000	0.00
46	0.0001	13.75	100.01	0.00	0.000	0.00
47	0.0001	14.00	100.01	0.00	0.000	0.00
48	0.0001	14.25	100.01	0.00	0.000	0.00
49	0.0000	14.50	100.01	0.00	0.000	0.00
50	0.0000	14.75	100.01	0.00	0.000	0.00
51	0.0000	15.00	100.01	0.00	0.000	0.00
Sums:			100.01	100.01	93.801	



Sample 172 discrete seam High Grade

	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes
1	0.2500	2.00	0.00	0.00	0.000	100.00	
2	0.2102	2.25	0.00	0.00	0.000	100.00	
3	0.1768	2.50	0.00	0.00	0.000	100.00	
4	0.1487	2.75	0.90	0.90	0.900	99.10	
5	0.1250	3.00	3.13	2.23	2.230	96.87	
6	0.1051	3.25	6.42	3.29	3.289	93.58	
7	0.0884	3.50	10.40	3.98	3.979	89.60	
8	0.0743	3.75	14.82	4.42	4.419	85.18	
9	0.0625	4.00	19.43	4.61	4.609	80.57	mode at 3.88
10	0.0526	4.25	23.92	4.49	4.489	76.08	
11	0.0442	4.50	28.32	4.40	4.399	71.69	
12	0.0372	4.75	32.63	4.31	4.309	67.38	
13	0.0313	5.00	36.65	4.02	4.019	63.36	
14	0.0263	5.25	41.00	4.35	4.349	59.01	
15	0.0221	5.50	45.74	4.74	4.739	54.27	mode at 5.38
16	0.0186	5.75	50.19	4.45	4.449	49.82	
17	0.0156	6.00	54.70	4.51	4.509	45.31	
18	0.0131	6.25	70.18	15.48	15.477	29.83	mode at 6.13
19	0.0110	6.50	80.55	10.37	10.368	19.47	
20	0.0093	6.75	87.36	6.81	6.809	12.66	
21	0.0078	7.00	92.03	4.67	4.669	7.99	
22	0.0066	7.25	95.07	3.04	3.039	4.95	
23	0.0055	7.50	95.97	0.90	0.900	4.05	
24	0.0046	7.75	96.89	0.92	0.920	3.13	mode at 7.63
25	0.0039	8.00	98.98	2.09	2.090	1.04	mode at 7.88
26	0.0033	8.25	99.91	0.93	0.930	0.11	
27	0.0028	8.50	100.02	0.11	0.110	0.00	
28	0.0023	8.75	100.02	0.00	0.000	0.00	
29	0.0020	9.00	100.02	0.00	0.000	0.00	

Grainsize Statistics

Sample: 172

Percentiles

	phi	mm
95	3.14	0.113
84	3.81	0.071
75	4.31	0.050
50	5.74	0.019
25	6.37	0.012
16	6.63	0.010
5	7.25	0.007

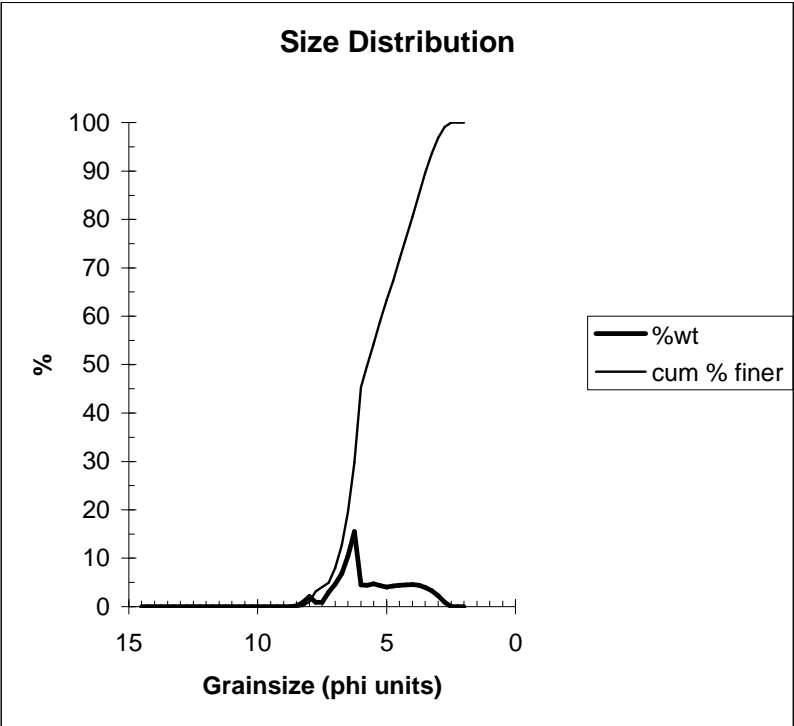
Stats from Moments

	phi	mm
Mean	6.02	0.015
SD	1.46	
Skewness	-1.13	
Kurtosis	2.42	

Folks' Graphic Stats

	phi	mm
Mean (Mz)	5.39	0.024
Sorting (Sl)	1.33	
Skewness (SkI)	-0.32	
Kurtosis (KG)	0.82	

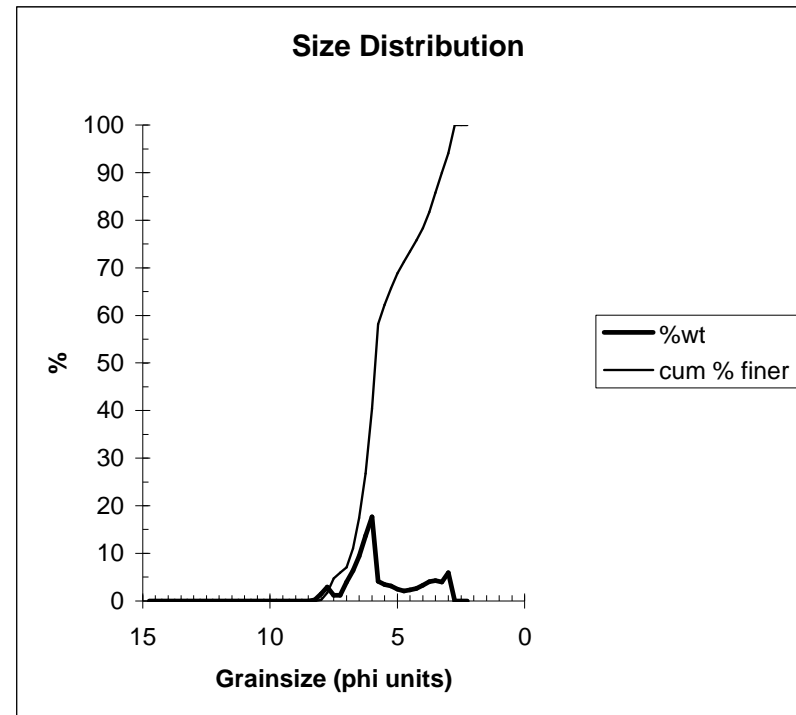
30	0.0016	9.25	100.02	0.00	0.000	0.00
31	0.0014	9.50	100.02	0.00	0.000	0.00
32	0.0012	9.75	100.02	0.00	0.000	0.00
33	0.0010	10.00	100.02	0.00	0.000	0.00
34	0.0008	10.25	100.02	0.00	0.000	0.00
35	0.0007	10.50	100.02	0.00	0.000	0.00
36	0.0006	10.75	100.02	0.00	0.000	0.00
37	0.0005	11.00	100.02	0.00	0.000	0.00
38	0.0004	11.25	100.02	0.00	0.000	0.00
39	0.0003	11.50	100.02	0.00	0.000	0.00
40	0.0003	11.75	100.02	0.00	0.000	0.00
41	0.0002	12.00	100.02	0.00	0.000	0.00
42	0.0002	12.25	100.02	0.00	0.000	0.00
43	0.0002	12.50	100.02	0.00	0.000	0.00
44	0.0001	12.75	100.02	0.00	0.000	0.00
45	0.0001	13.00	100.02	0.00	0.000	0.00
46	0.0001	13.25	100.02	0.00	0.000	0.00
47	0.0001	13.50	100.02	0.00	0.000	0.00
48	0.0001	13.75	100.02	0.00	0.000	0.00
49	0.0001	14.00	100.02	0.00	0.000	0.00
50	0.0001	14.25	100.02	0.00	0.000	0.00
51	0.0000	14.50	100.02	0.00	0.000	0.00
Sums:			100.02	100.02	92.012	



Sample 162 discrete seam Upper Steel								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 162		
1	0.2102	2.25	0.00	0.00	0.000	100.00		Percentiles		
2	0.1768	2.50	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
3	0.1487	2.75	0.00	0.00	0.000	100.00		95	2.96	0.129
4	0.1250	3.00	5.97	5.97	5.970	94.03	mode at 2.88	84	3.61	0.082
5	0.1051	3.25	9.97	4.00	4.000	90.03		75	4.33	0.050
6	0.0884	3.50	14.25	4.28	4.280	85.75	mode at 3.38	50	5.87	0.017
7	0.0743	3.75	18.30	4.05	4.050	81.70		25	6.30	0.013
8	0.0625	4.00	21.63	3.33	3.330	78.37		16	6.56	0.011
9	0.0526	4.25	24.22	2.59	2.590	75.78		5	7.44	0.006
10	0.0442	4.50	26.56	2.34	2.340	73.44		Stats from Moments		
11	0.0372	4.75	28.69	2.13	2.130	71.31			<i>phi</i>	<i>mm</i>
12	0.0313	5.00	31.16	2.47	2.470	68.84		Mean	5.90	0.017
13	0.0263	5.25	34.28	3.12	3.120	65.72		SD	1.42	
14	0.0221	5.50	37.75	3.47	3.470	62.25		Skewness	-1.15	
15	0.0186	5.75	41.85	4.10	4.100	58.15		Kurtosis	2.66	
16	0.0156	6.00	59.55	17.70	17.700	40.45	mode at 5.88	Folks' Graphic Stats		
17	0.0131	6.25	73.19	13.64	13.640	26.81			<i>phi</i>	<i>mm</i>
18	0.0110	6.50	82.57	9.38	9.380	17.43		Mean (Mz)	5.34	0.025
19	0.0093	6.75	88.95	6.38	6.380	11.05		Sorting (SI)	1.42	
20	0.0078	7.00	92.90	3.95	3.950	7.10		Skewness (Sk)	-0.41	
21	0.0066	7.25	94.06	1.16	1.160	5.94		Kurtosis (KG)	0.94	
22	0.0055	7.50	95.27	1.21	1.210	4.73				
23	0.0046	7.75	98.23	2.96	2.960	1.77	mode at 7.63			
24	0.0039	8.00	99.75	1.52	1.520	0.25				
25	0.0033	8.25	99.99	0.24	0.240	0.01				
26	0.0028	8.50	100.00	0.01	0.010	0.00				
27	0.0023	8.75	100.00	0.00	0.000	0.00				
28	0.0020	9.00	100.00	0.00	0.000	0.00				
29	0.0016	9.25	100.00	0.00	0.000	0.00				

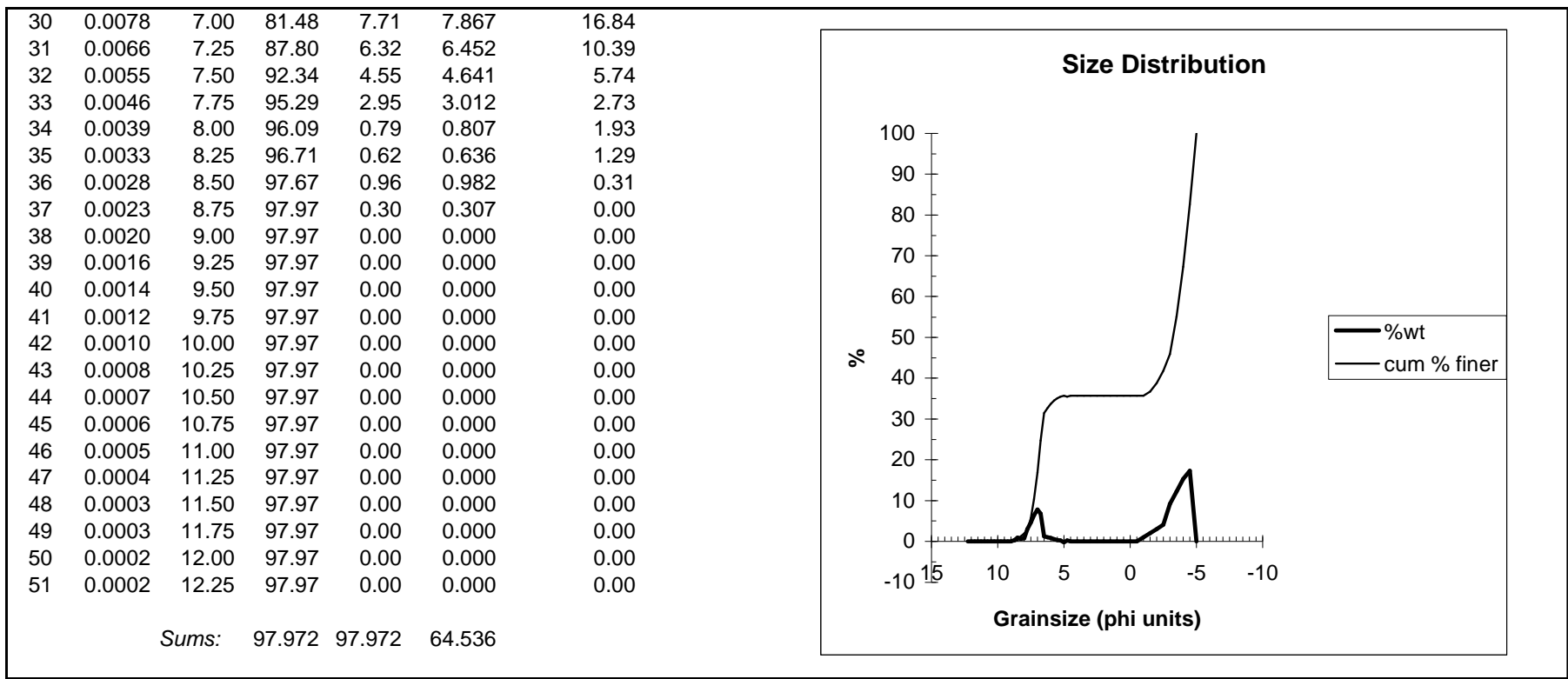
30	0.0014	9.50	100.00	0.00	0.000	0.00
31	0.0012	9.75	100.00	0.00	0.000	0.00
32	0.0010	10.00	100.00	0.00	0.000	0.00
33	0.0008	10.25	100.00	0.00	0.000	0.00
34	0.0007	10.50	100.00	0.00	0.000	0.00
35	0.0006	10.75	100.00	0.00	0.000	0.00
36	0.0005	11.00	100.00	0.00	0.000	0.00
37	0.0004	11.25	100.00	0.00	0.000	0.00
38	0.0003	11.50	100.00	0.00	0.000	0.00
39	0.0003	11.75	100.00	0.00	0.000	0.00
40	0.0002	12.00	100.00	0.00	0.000	0.00
41	0.0002	12.25	100.00	0.00	0.000	0.00
42	0.0002	12.50	100.00	0.00	0.000	0.00
43	0.0001	12.75	100.00	0.00	0.000	0.00
44	0.0001	13.00	100.00	0.00	0.000	0.00
45	0.0001	13.25	100.00	0.00	0.000	0.00
46	0.0001	13.50	100.00	0.00	0.000	0.00
47	0.0001	13.75	100.00	0.00	0.000	0.00
48	0.0001	14.00	100.00	0.00	0.000	0.00
49	0.0001	14.25	100.00	0.00	0.000	0.00
50	0.0000	14.50	100.00	0.00	0.000	0.00
51	0.0000	14.75	100.00	0.00	0.000	0.00

Sums: 100 100 94.060

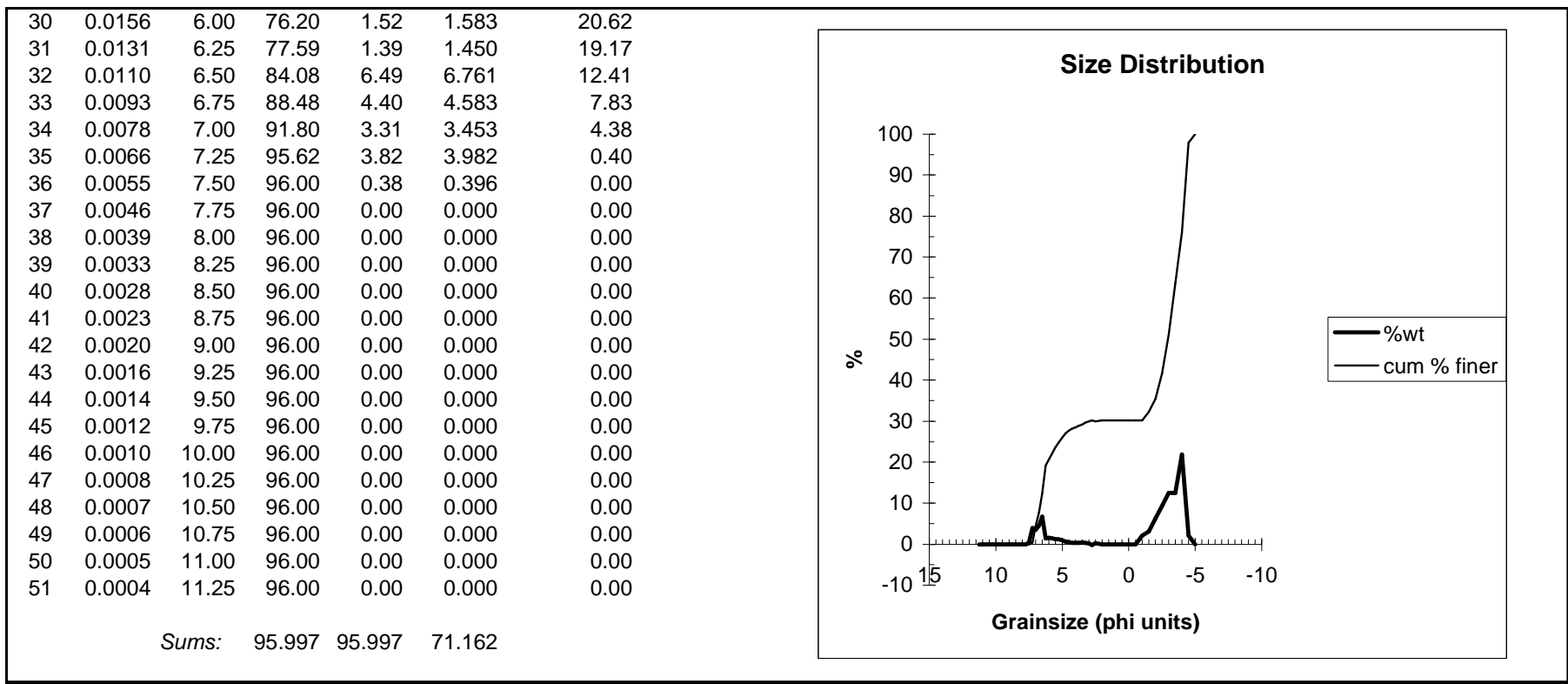


JOINT INFILLS

Sample 164 joint infills Aglime							Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt% cum % finer	Modes	Sample: 164		
1	32.0000	-5.00	0.00	0.00	0.000	100.00	Percentiles		
2	22.6274	-4.50	17.00	17.00	17.352	82.65 mode at -4.8		<i>phi</i>	<i>mm</i>
3	16.0000	-4.00	32.00	15.00	15.310	67.34	95	-4.86	28.959
4	11.3137	-3.50	44.00	12.00	12.248	55.09	84	-4.54	23.247
5	8.0000	-3.00	53.00	9.00	9.186	45.90	75	-4.25	19.030
6	5.6569	-2.50	57.00	4.00	4.083	41.82	50	-3.22	9.337
7	4.0000	-2.00	60.00	3.00	3.062	38.76	25	6.74	0.009
8	2.8284	-1.50	62.00	2.00	2.041	36.72	16	7.03	0.008
9	2.0000	-1.00	63.00	1.00	1.021	35.70	5	7.56	0.005
10	1.4142	-0.50	63.00	0.00	0.000	35.70	Stats from Moments		
11	1.0000	0.00	63.00	0.00	0.000	35.70		<i>phi</i>	<i>mm</i>
12	0.7071	0.50	63.00	0.00	0.000	35.70	Mean	0.37	0.773
13	0.5000	1.00	63.00	0.00	0.000	35.70	SD	6.46	
14	0.3536	1.50	63.00	0.00	0.000	35.70	Skewness	0.39	
15	0.2500	2.00	63.00	0.00	0.000	35.70	Kurtosis	0.87	
16	0.1768	2.50	63.00	0.00	0.000	35.70	Folks' Graphic Stats		
17	0.1250	3.00	63.00	0.00	0.000	35.70		<i>phi</i>	<i>mm</i>
18	0.0884	3.50	63.00	0.00	0.000	35.70	Mean (Mz)	-0.24	1.184
19	0.0625	4.00	63.00	0.00	0.000	35.70	Sorting (SI)	4.77	
20	0.0442	4.50	63.00	0.00	0.000	35.70	Skewness (SkI)	0.75	
21	0.0372	4.75	63.23	0.23	0.232	35.46 mode at 4.63	Kurtosis (KG)	0.46	
22	0.0313	5.00	63.00	-0.22	-0.229	35.69			
23	0.0263	5.25	63.23	0.22	0.229	35.46 mode at 5.13			
24	0.0221	5.50	63.57	0.35	0.354	35.11 mode at 5.38			
25	0.0186	5.75	64.13	0.56	0.568	34.54 mode at 5.63			
26	0.0156	6.00	64.94	0.81	0.829	33.71			
27	0.0131	6.25	65.91	0.97	0.986	32.73			
28	0.0110	6.50	67.11	1.20	1.225	31.50			
29	0.0093	6.75	73.77	6.66	6.798	24.70			

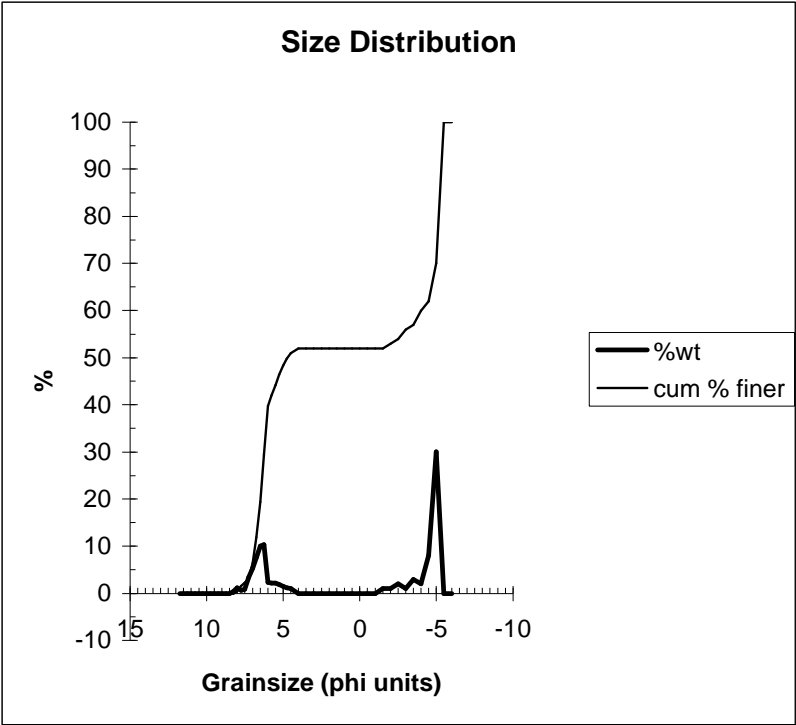


Sample 168 joint infills High Grade								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 168		
1	32.0000	-5.00	0.00	0.00	0.000	100.00		Percentiles		
2	22.6274	-4.50	2.00	2.00	2.083	97.92			<i>phi</i>	<i>mm</i>
3	16.0000	-4.00	23.00	21.00	21.876	76.04	mode at -4.3	95	-4.43	21.606
4	11.3137	-3.50	35.00	12.00	12.500	63.54		84	-4.18	18.150
5	8.0000	-3.00	47.00	12.00	12.500	51.04	mode at -3.3	75	-3.96	15.545
6	5.6569	-2.50	56.00	9.00	9.375	41.66		50	-2.94	7.698
7	4.0000	-2.00	62.00	6.00	6.250	35.41		25	5.23	0.027
8	2.8284	-1.50	65.00	3.00	3.125	32.29		16	6.37	0.012
9	2.0000	-1.00	67.00	2.00	2.083	30.21		5	6.95	0.008
10	1.4142	-0.50	67.00	0.00	0.000	30.21		Stats from Moments		
11	1.0000	0.00	67.00	0.00	0.000	30.21			<i>phi</i>	<i>mm</i>
12	0.7071	0.50	67.00	0.00	0.000	30.21		Mean	-0.46	1.374
13	0.5000	1.00	67.00	0.00	0.000	30.21		SD	5.23	
14	0.3536	1.50	67.00	0.00	0.000	30.21		Skewness	0.77	
15	0.2500	2.00	67.00	0.00	0.000	30.21		Kurtosis	1.38	
16	0.1768	2.50	67.23	0.23	0.236	29.97	mode at 2.25	Folks' Graphic Stats		
17	0.1487	2.75	67.03	-0.19	-0.202	30.17			<i>phi</i>	<i>mm</i>
18	0.1250	3.00	67.23	0.19	0.202	29.97		Mean (Mz)	-0.25	1.192
19	0.1051	3.25	67.54	0.32	0.329	29.64		Sorting (SI)	4.36	
20	0.0884	3.50	67.96	0.42	0.438	29.20	mode at 3.38	Skewness (SkI)	0.75	
21	0.0743	3.75	68.31	0.35	0.366	28.84		Kurtosis (KG)	0.51	
22	0.0625	4.00	68.61	0.29	0.305	28.53				
23	0.0526	4.25	68.92	0.32	0.329	28.20	mode at 4.13			
24	0.0442	4.50	69.38	0.46	0.474	27.73	mode at 4.38			
25	0.0372	4.75	70.04	0.66	0.692	27.04	mode at 4.63			
26	0.0313	5.00	70.96	0.92	0.961	26.08				
27	0.0263	5.25	72.09	1.13	1.175	24.90				
28	0.0221	5.50	73.29	1.20	1.251	23.65				
29	0.0186	5.75	74.68	1.39	1.444	22.21				



Sample 107 joint infills High Grade								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 107		
1	64.0000	-6.00	0.00	0.00	0.000	100.00		Percentiles		
2	45.2548	-5.50	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
3	32.0000	-5.00	30.00	30.00	30.009	69.99	mode at -5.3	95	-5.42	42.716
4	22.6274	-4.50	38.00	8.00	8.002	61.99		84	-5.23	37.620
5	16.0000	-4.00	40.00	2.00	2.001	59.99		75	-5.08	33.906
6	11.3137	-3.50	43.00	3.00	3.001	56.99	mode at -3.8	50	4.71	0.038
7	8.0000	-3.00	44.00	1.00	1.000	55.99		25	6.36	0.012
8	5.6569	-2.50	46.00	2.00	2.001	53.99	mode at -2.8	16	6.61	0.010
9	4.0000	-2.00	47.00	1.00	1.000	52.99		5	7.11	0.007
10	2.8284	-1.50	48.00	1.00	1.000	51.99	mode at -1.8	Stats from Moments		
11	2.0000	-1.00	48.00	0.00	0.000	51.99			<i>phi</i>	<i>mm</i>
12	1.4142	-0.50	48.00	0.00	0.000	51.99		Mean	2.43	0.185
13	1.0000	0.00	48.00	0.00	0.000	51.99		SD	8.15	
14	0.7071	0.50	48.00	0.00	0.000	51.99		Skewness	-0.50	
15	0.5000	1.00	48.00	0.00	0.000	51.99		Kurtosis	0.64	
16	0.3536	1.50	48.00	0.00	0.000	51.99		Folks' Graphic Stats		
17	0.2500	2.00	48.00	0.00	0.000	51.99			<i>phi</i>	<i>mm</i>
18	0.1768	2.50	48.00	0.00	0.000	51.99		Mean (Mz)	2.03	0.245
19	0.1250	3.00	48.00	0.00	0.000	51.99		Sorting (SI)	4.86	
20	0.0884	3.50	48.00	0.00	0.000	51.99		Skewness (SkI)	-0.65	
21	0.0625	4.00	48.00	0.00	0.000	51.99		Kurtosis (KG)	0.45	
22	0.0442	4.50	49.02	1.02	1.025	50.96				
23	0.0372	4.75	50.19	1.16	1.165	49.80	mode at 4.63			
24	0.0313	5.00	51.67	1.48	1.482	48.31	mode at 4.88			
25	0.0263	5.25	53.56	1.89	1.888	46.42	mode at 5.13			
26	0.0221	5.50	55.77	2.21	2.211	44.21				
27	0.0186	5.75	57.93	2.16	2.159	42.06				
28	0.0156	6.00	60.24	2.31	2.315	39.74				
29	0.0131	6.25	70.57	10.33	10.330	29.41				

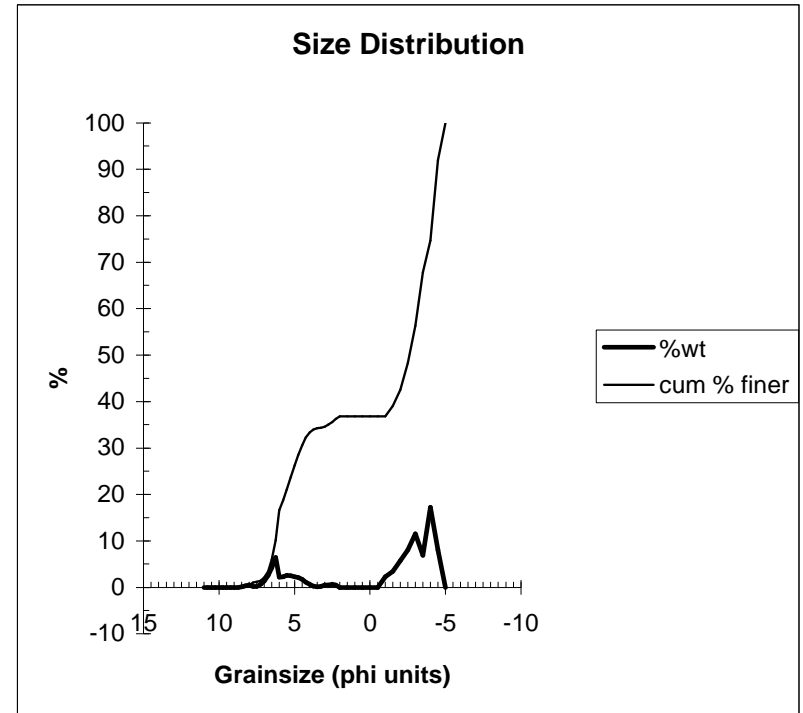
30	0.0110	6.50	80.57	10.00	10.008	19.40
31	0.0093	6.75	88.10	7.53	7.532	11.87
32	0.0078	7.00	93.46	5.36	5.363	6.51
33	0.0066	7.25	96.86	3.40	3.397	3.11
34	0.0055	7.50	97.71	0.85	0.853	2.26
35	0.0046	7.75	98.39	0.68	0.676	1.58
36	0.0039	8.00	99.56	1.18	1.176	0.41
37	0.0033	8.25	99.97	0.41	0.406	0.00
38	0.0028	8.50	99.97	0.00	0.000	0.00
39	0.0023	8.75	99.97	0.00	0.000	0.00
40	0.0020	9.00	99.97	0.00	0.000	0.00
41	0.0016	9.25	99.97	0.00	0.000	0.00
42	0.0014	9.50	99.97	0.00	0.000	0.00
43	0.0012	9.75	99.97	0.00	0.000	0.00
44	0.0010	10.00	99.97	0.00	0.000	0.00
45	0.0008	10.25	99.97	0.00	0.000	0.00
46	0.0007	10.50	99.97	0.00	0.000	0.00
47	0.0006	10.75	99.97	0.00	0.000	0.00
48	0.0005	11.00	99.97	0.00	0.000	0.00
49	0.0004	11.25	99.97	0.00	0.000	0.00
50	0.0003	11.50	99.97	0.00	0.000	0.00
51	0.0003	11.75	99.97	0.00	0.000	0.00
Sums:			99.969	99.969	48.015	



Sample 169 joint infills High Grade								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 169		
1	32.0000	-5.00	0.00	0.00	0.000	100.00		Percentiles		
2	22.6274	-4.50	7.00	7.00	8.046	91.95			<i>phi</i>	<i>mm</i>
3	16.0000	-4.00	22.00	15.00	17.241	74.71	mode at -4.3	95	-4.69	25.800
4	11.3137	-3.50	28.00	6.00	6.897	67.82		84	-4.27	19.284
5	8.0000	-3.00	38.00	10.00	11.494	56.32	mode at -3.3	75	-4.01	16.093
6	5.6569	-2.50	45.00	7.00	8.046	48.28		50	-2.61	6.093
7	4.0000	-2.00	50.00	5.00	5.747	42.53		25	5.12	0.029
8	2.8284	-1.50	53.00	3.00	3.448	39.08		16	6.02	0.015
9	2.0000	-1.00	55.00	2.00	2.299	36.78		5	6.60	0.010
10	1.4142	-0.50	55.00	0.00	0.000	36.78		Stats from Moments		
11	1.0000	0.00	55.00	0.00	0.000	36.78			<i>phi</i>	<i>mm</i>
12	0.7071	0.50	55.00	0.00	0.000	36.78		Mean	0.08	0.947
13	0.5000	1.00	55.00	0.00	0.000	36.78		SD	5.43	
14	0.3536	1.50	55.00	0.00	0.000	36.78		Skewness	0.42	
15	0.2500	2.00	55.00	0.00	0.000	36.78		Kurtosis	0.97	
16	0.2102	2.25	55.46	0.46	0.530	36.25		Folks' Graphic Stats		
17	0.1768	2.50	56.02	0.56	0.647	35.60	mode at 2.38		<i>phi</i>	<i>mm</i>
18	0.1487	2.75	56.49	0.47	0.537	35.07		Mean (Mz)	-0.28	1.218
19	0.1250	3.00	56.89	0.40	0.456	34.61		Sorting (SI)	4.28	
20	0.1051	3.25	57.08	0.20	0.224	34.39		Skewness (SkI)	0.65	
21	0.0884	3.50	57.20	0.12	0.132	34.25		Kurtosis (KG)	0.51	
22	0.0743	3.75	57.43	0.23	0.261	33.99				
23	0.0625	4.00	57.97	0.54	0.622	33.37	mode at 3.88			
24	0.0526	4.25	58.94	0.98	1.122	32.25	mode at 4.13			
25	0.0442	4.50	60.40	1.46	1.681	30.57	mode at 4.38			
26	0.0372	4.75	62.24	1.83	2.108	28.46				
27	0.0313	5.00	64.19	1.96	2.247	26.21				
28	0.0263	5.25	66.39	2.20	2.527	23.69				
29	0.0221	5.50	68.66	2.27	2.608	21.08				

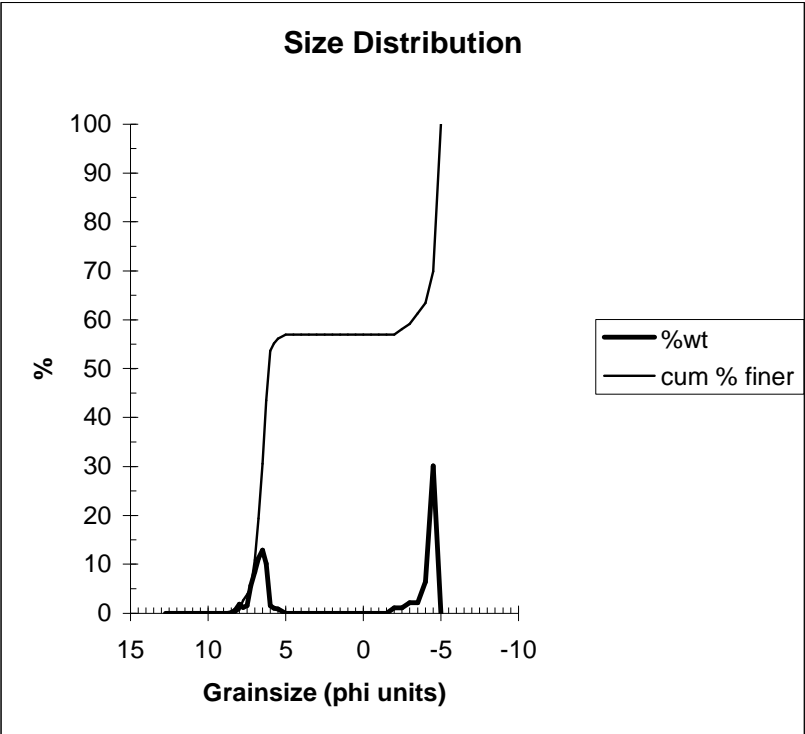
30	0.0186	5.75	70.66	2.00	2.299	18.78
31	0.0156	6.00	72.54	1.88	2.163	16.62
32	0.0131	6.25	78.15	5.61	6.448	10.17
33	0.0110	6.50	81.79	3.64	4.178	5.99
34	0.0093	6.75	84.02	2.24	2.571	3.42
35	0.0078	7.00	85.16	1.14	1.309	2.11
36	0.0066	7.25	85.76	0.60	0.688	1.42
37	0.0055	7.50	85.94	0.18	0.202	1.22
38	0.0046	7.75	86.13	0.19	0.217	1.00
39	0.0039	8.00	86.59	0.46	0.533	0.47
40	0.0033	8.25	86.91	0.32	0.368	0.10
41	0.0028	8.50	87.00	0.09	0.103	0.00
42	0.0023	8.75	87.00	0.00	0.000	0.00
43	0.0020	9.00	87.00	0.00	0.000	0.00
44	0.0016	9.25	87.00	0.00	0.000	0.00
45	0.0014	9.50	87.00	0.00	0.000	0.00
46	0.0012	9.75	87.00	0.00	0.000	0.00
47	0.0010	10.00	87.00	0.00	0.000	0.00
48	0.0008	10.25	87.00	0.00	0.000	0.00
49	0.0007	10.50	87.00	0.00	0.000	0.00
50	0.0006	10.75	87.00	0.00	0.000	0.00
51	0.0005	11.00	87.00	0.00	0.000	0.00

Sums: 87 87 65.745



Sample 154 joint infills Lower Steel							Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt% cum	% finer	Modes	Sample: 154	
1	32.0000	-5.00	0.00	0.00	0.000	100.00		Percentiles	
2	22.6274	-4.50	28.00	28.00	30.108	69.89	mode at -4.8		
3	16.0000	-4.00	34.00	6.00	6.452	63.44		<i>phi</i>	<i>mm</i>
4	11.3137	-3.50	36.00	2.00	2.151	61.29		95	-4.92 30.210
5	8.0000	-3.00	38.00	2.00	2.151	59.14	mode at -3.3	84	-4.73 26.617
6	5.6569	-2.50	39.00	1.00	1.075	58.06		75	-4.58 23.998
7	4.0000	-2.00	40.00	1.00	1.075	56.99	mode at -2.3	50	6.09 0.015
8	2.8284	-1.50	40.00	0.00	0.000	56.99		25	6.62 0.010
9	2.0000	-1.00	40.00	0.00	0.000	56.99		16	6.85 0.009
10	1.4142	-0.50	40.00	0.00	0.000	56.99		5	7.29 0.006
11	1.0000	0.00	40.00	0.00	0.000	56.99		Stats from Moments	
12	0.7071	0.50	40.00	0.00	0.000	56.99		<i>phi</i>	<i>mm</i>
13	0.5000	1.00	40.00	0.00	0.000	56.99		Mean	4.74 0.038
14	0.3536	1.50	40.00	0.00	0.000	56.99		SD	9.25
15	0.2500	2.00	40.00	0.00	0.000	56.99		Skewness	-0.89
16	0.1768	2.50	40.00	0.00	0.000	56.99		Kurtosis	0.89
17	0.1250	3.00	40.00	0.00	0.000	56.99		Folks' Graphic Stats	
18	0.0884	3.50	40.00	0.00	0.000	56.99		<i>phi</i>	<i>mm</i>
19	0.0625	4.00	40.00	0.00	0.000	56.99		Mean (Mz)	2.73 0.150
20	0.0442	4.50	40.00	0.00	0.000	56.99		Sorting (SI)	4.75
21	0.0313	5.00	40.00	0.00	0.000	56.99		Skewness (SkI)	-0.84
22	0.0221	5.50	40.76	0.76	0.821	56.17		Kurtosis (KG)	0.45
23	0.0186	5.75	41.73	0.96	1.037	55.13	mode at 5.63		
24	0.0156	6.00	43.13	1.40	1.510	53.62	mode at 5.88		
25	0.0131	6.25	52.56	9.43	10.138	43.48	mode at 6.13		
26	0.0110	6.50	64.58	12.02	12.919	30.56			
27	0.0093	6.75	75.01	10.44	11.221	19.34			
28	0.0078	7.00	82.89	7.88	8.469	10.87			
29	0.0066	7.25	88.11	5.23	5.619	5.25			

30	0.0055	7.50	89.51	1.39	1.499	3.76
31	0.0046	7.75	90.60	1.09	1.174	2.58
32	0.0039	8.00	92.31	1.71	1.835	0.75
33	0.0033	8.25	92.93	0.62	0.667	0.08
34	0.0028	8.50	93.00	0.07	0.080	0.00
35	0.0023	8.75	93.00	0.00	0.000	0.00
36	0.0020	9.00	93.00	0.00	0.000	0.00
37	0.0016	9.25	93.00	0.00	0.000	0.00
38	0.0014	9.50	93.00	0.00	0.000	0.00
39	0.0012	9.75	93.00	0.00	0.000	0.00
40	0.0010	10.00	93.00	0.00	0.000	0.00
41	0.0008	10.25	93.00	0.00	0.000	0.00
42	0.0007	10.50	93.00	0.00	0.000	0.00
43	0.0006	10.75	93.00	0.00	0.000	0.00
44	0.0005	11.00	93.00	0.00	0.000	0.00
45	0.0004	11.25	93.00	0.00	0.000	0.00
46	0.0003	11.50	93.00	0.00	0.000	0.00
47	0.0003	11.75	93.00	0.00	0.000	0.00
48	0.0002	12.00	93.00	0.00	0.000	0.00
49	0.0002	12.25	93.00	0.00	0.000	0.00
50	0.0002	12.50	93.00	0.00	0.000	0.00
51	0.0001	12.75	93.00	0.00	0.000	0.00
Sums:		93	93	43.011		



Sample 165 joint infills Aglime

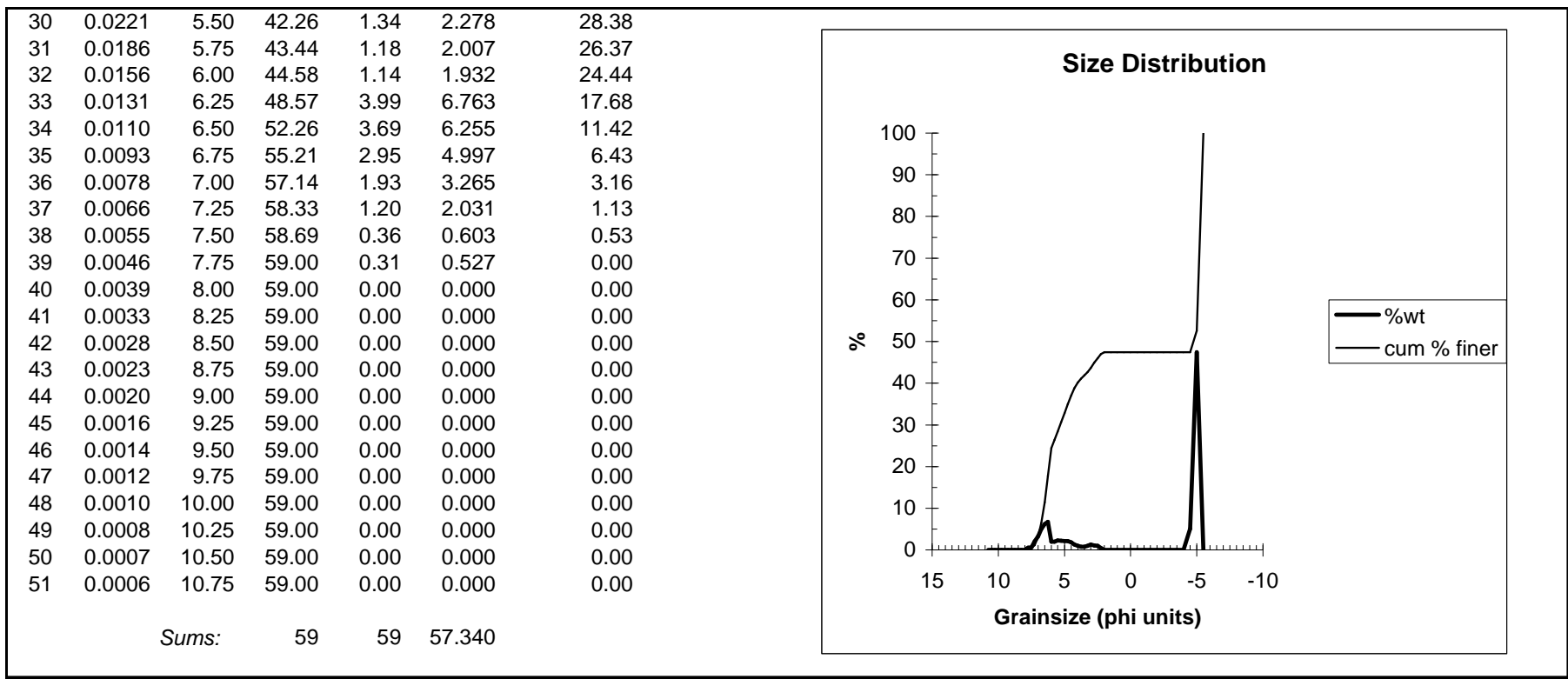
Grainsize Statistics

	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample:	165
1	45.2548	-5.50	0.00	0.00	0.000	100.00			
2	32.0000	-5.00	28.00	28.00	47.458	52.54	mode at -5.3	Percentiles	
3	22.6274	-4.50	31.00	3.00	5.085	47.46			
4	16.0000	-4.00	31.00	0.00	0.000	47.46			
5	11.3137	-3.50	31.00	0.00	0.000	47.46			
6	8.0000	-3.00	31.00	0.00	0.000	47.46			
7	5.6569	-2.50	31.00	0.00	0.000	47.46			
8	4.0000	-2.00	31.00	0.00	0.000	47.46			
9	2.8284	-1.50	31.00	0.00	0.000	47.46			
10	2.0000	-1.00	31.00	0.00	0.000	47.46			
11	1.4142	-0.50	31.00	0.00	0.000	47.46			
12	1.0000	0.00	31.00	0.00	0.000	47.46			
13	0.7071	0.50	31.00	0.00	0.000	47.46			
14	0.5000	1.00	31.00	0.00	0.000	47.46			
15	0.3536	1.50	31.00	0.00	0.000	47.46			
16	0.2500	2.00	31.00	0.00	0.000	47.46			
17	0.2102	2.25	31.25	0.25	0.427	47.03			
18	0.1768	2.50	31.85	0.60	1.016	46.01			
19	0.1487	2.75	32.50	0.65	1.096	44.92			
20	0.1250	3.00	33.25	0.75	1.267	43.65	mode at 2.88		
21	0.1051	3.25	33.83	0.59	0.992	42.66			
22	0.0884	3.50	34.29	0.46	0.774	41.89			
23	0.0743	3.75	34.73	0.45	0.755	41.13			
24	0.0625	4.00	35.31	0.57	0.973	40.16	mode at 3.88		
25	0.0526	4.25	36.10	0.79	1.343	38.82	mode at 4.13		
26	0.0442	4.50	37.15	1.05	1.784	37.03			
27	0.0372	4.75	38.39	1.23	2.093	34.94			
28	0.0313	5.00	39.62	1.23	2.093	32.85			
29	0.0263	5.25	40.91	1.29	2.188	30.66			

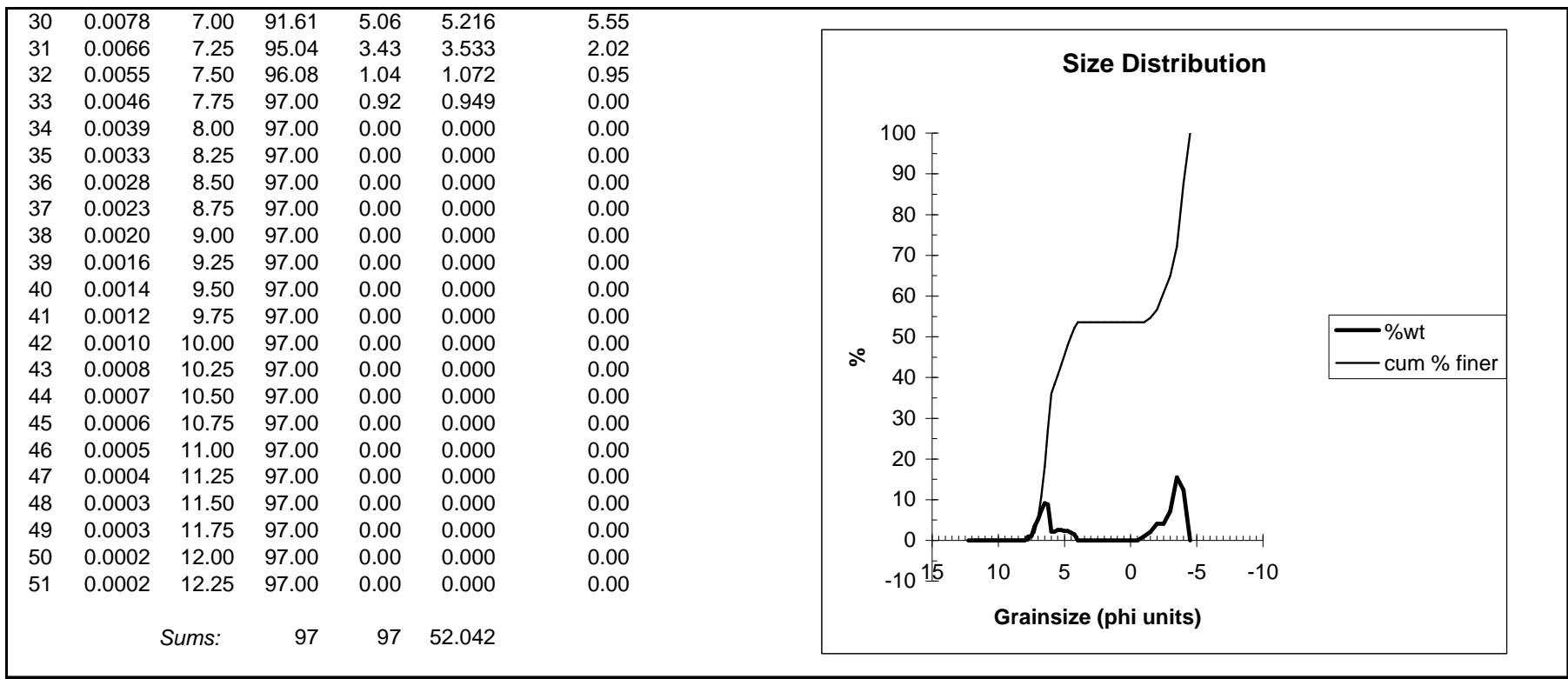
	phi	mm
95	-5.45	43.632
84	-5.33	40.264
75	-5.24	37.703
50	-4.75	26.909
25	5.93	0.016
16	6.32	0.013
5	6.86	0.009

	phi	mm
Mean	0.12	0.920
SD	7.08	
Skewness	0.12	
Kurtosis	0.64	

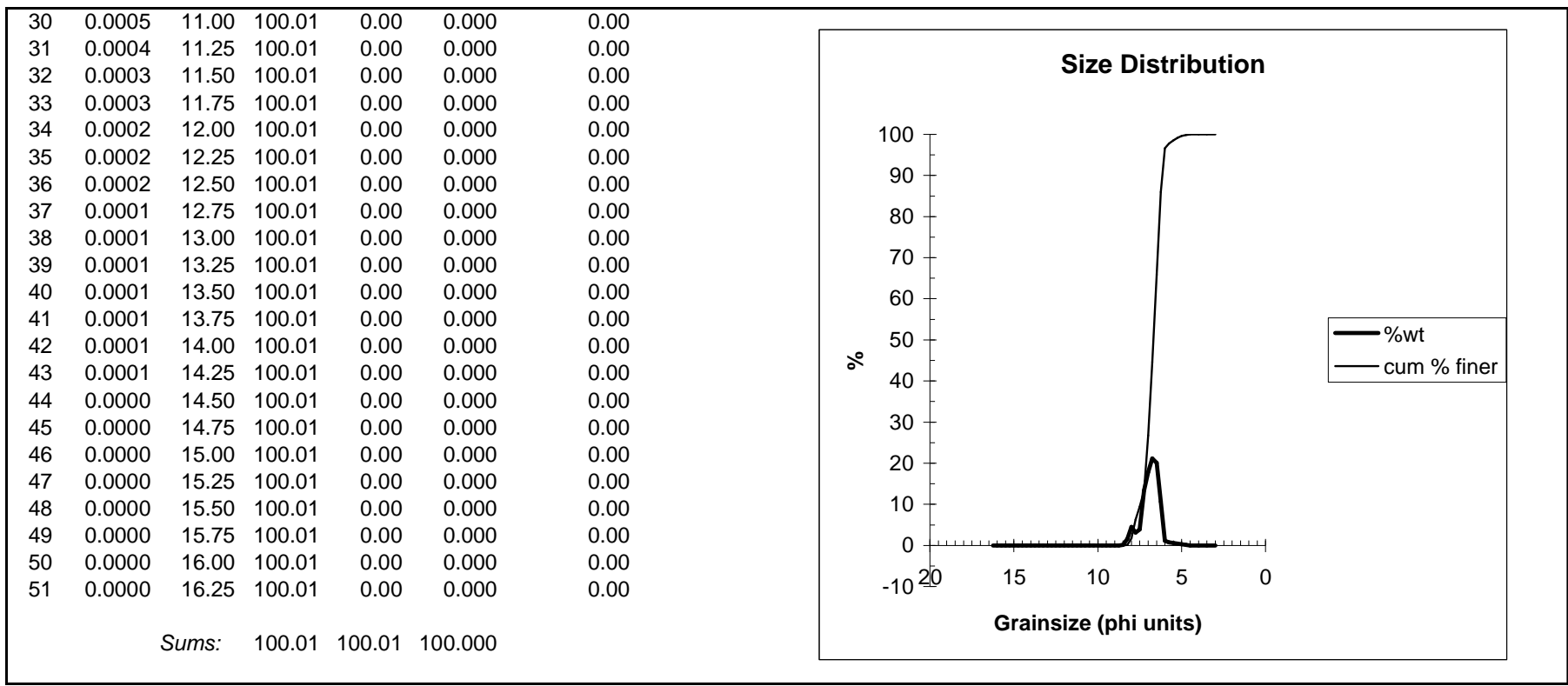
	phi	mm
Mean (Mz)	-1.25	2.386
Sorting (SI)	4.78	
Skewness (Skl)	0.89	
Kurtosis (KG)	0.45	



Sample 109 joint infills High Grade								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 109		
1	22.6274	-4.50	0.00	0.00	0.000	100.00		Percentiles		
2	16.0000	-4.00	12.00	12.00	12.371	87.63			<i>phi</i>	<i>mm</i>
3	11.3137	-3.50	27.00	15.00	15.464	72.16	mode at -3.8	95	-4.30	19.670
4	8.0000	-3.00	34.00	7.00	7.216	64.95		84	-3.88	14.750
5	5.6569	-2.50	38.00	4.00	4.124	60.82		75	-3.59	12.056
6	4.0000	-2.00	42.00	4.00	4.124	56.70	mode at -2.3	50	4.53	0.043
7	2.8284	-1.50	44.00	2.00	2.062	54.64		25	6.31	0.013
8	2.0000	-1.00	45.00	1.00	1.031	53.61		16	6.57	0.011
9	1.4142	-0.50	45.00	0.00	0.000	53.61		5	7.04	0.008
10	1.0000	0.00	45.00	0.00	0.000	53.61		Stats from Moments		
11	0.7071	0.50	45.00	0.00	0.000	53.61			<i>phi</i>	<i>mm</i>
12	0.5000	1.00	45.00	0.00	0.000	53.61		Mean	3.55	0.086
13	0.3536	1.50	45.00	0.00	0.000	53.61		SD	7.00	
14	0.2500	2.00	45.00	0.00	0.000	53.61		Skewness	-0.75	
15	0.1768	2.50	45.00	0.00	0.000	53.61		Kurtosis	0.86	
16	0.1250	3.00	45.00	0.00	0.000	53.61		Folks' Graphic Stats		
17	0.0884	3.50	45.00	0.00	0.000	53.61			<i>phi</i>	<i>mm</i>
18	0.0625	4.00	45.00	0.00	0.000	53.61		Mean (Mz)	2.41	0.189
19	0.0526	4.25	46.42	1.42	1.469	52.14		Sorting (SI)	4.33	
20	0.0442	4.50	48.22	1.80	1.855	50.28		Skewness (SkI)	-0.58	
21	0.0372	4.75	50.48	2.26	2.327	47.96	mode at 4.63	Kurtosis (KG)	0.47	
22	0.0313	5.00	52.78	2.30	2.375	45.58				
23	0.0263	5.25	55.25	2.46	2.541	43.04	mode at 5.13			
24	0.0221	5.50	57.72	2.47	2.546	40.50	mode at 5.38			
25	0.0186	5.75	59.85	2.13	2.198	38.30				
26	0.0156	6.00	61.98	2.13	2.198	36.10				
27	0.0131	6.25	70.57	8.59	8.856	27.24				
28	0.0110	6.50	79.41	8.83	9.108	18.14				
29	0.0093	6.75	86.55	7.14	7.366	10.77				

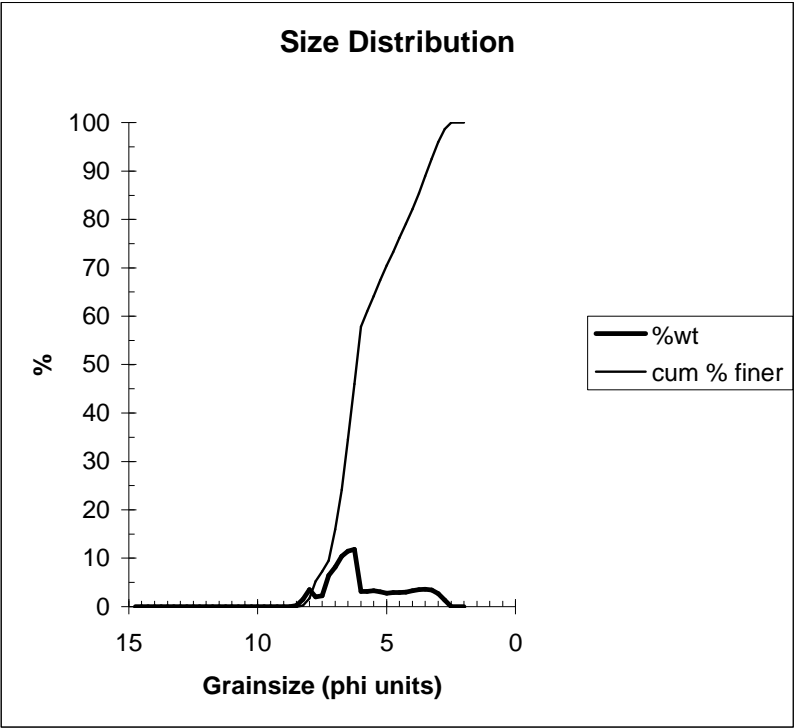


Sample 114 joint infills Aglime								Grainsize Statistics		
	mm	phi	wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 114		
			Cum					Percentiles		
1	0.1250	3.00	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
2	0.0884	3.50	0.00	0.00	0.000	100.00		95	6.04	0.015
3	0.0625	4.00	0.00	0.00	0.000	100.00		84	6.27	0.013
4	0.0442	4.50	0.00	0.00	0.000	100.00		75	6.39	0.012
5	0.0372	4.75	0.15	0.15	0.150	99.85		50	6.69	0.010
6	0.0313	5.00	0.42	0.27	0.270	99.58		25	7.03	0.008
7	0.0263	5.25	0.84	0.42	0.420	99.16		16	7.20	0.007
8	0.0221	5.50	1.45	0.61	0.610	98.55		5	7.82	0.004
9	0.0186	5.75	2.22	0.77	0.770	97.78		Stats from Moments		
10	0.0156	6.00	3.36	1.14	1.140	96.64			<i>phi</i>	<i>mm</i>
11	0.0131	6.25	14.04	10.68	10.679	85.96	mode at 6.63	Mean	6.86	0.009
12	0.0110	6.50	34.14	20.10	20.098	65.86		SD	0.53	
13	0.0093	6.75	55.34	21.20	21.198	44.67		Skewness	0.26	
14	0.0078	7.00	73.23	17.89	17.888	26.78		Kurtosis	4.04	
15	0.0066	7.25	86.64	13.41	13.409	13.37		Folks' Graphic Stats		
16	0.0055	7.50	90.58	3.94	3.940	9.43			<i>phi</i>	<i>mm</i>
17	0.0046	7.75	93.69	3.11	3.110	6.32		Mean (Mz)	6.72	0.009
18	0.0039	8.00	98.22	4.53	4.530	1.79	mode at 7.88	Sorting (Sl)	0.50	
19	0.0033	8.25	99.82	1.60	1.600	0.19		Skewness (SkI)	0.19	
20	0.0028	8.50	100.01	0.19	0.190	0.00		Kurtosis (KG)	1.13	
21	0.0023	8.75	100.01	0.00	0.000	0.00				
22	0.0020	9.00	100.01	0.00	0.000	0.00				
23	0.0016	9.25	100.01	0.00	0.000	0.00				
24	0.0014	9.50	100.01	0.00	0.000	0.00				
25	0.0012	9.75	100.01	0.00	0.000	0.00				
26	0.0010	10.00	100.01	0.00	0.000	0.00				
27	0.0008	10.25	100.01	0.00	0.000	0.00				
28	0.0007	10.50	100.01	0.00	0.000	0.00				
29	0.0006	10.75	100.01	0.00	0.000	0.00				



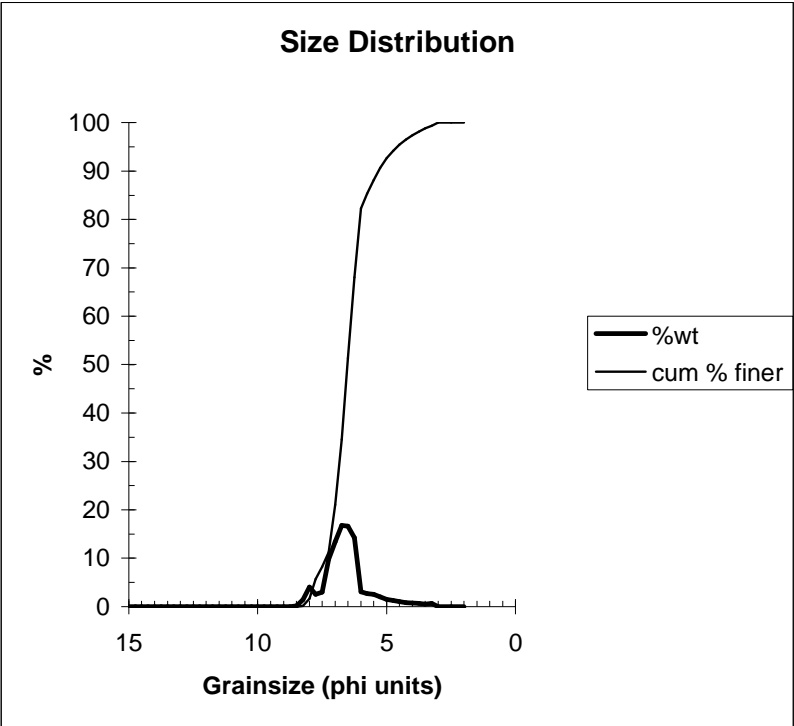
Sample 144 joint infills High Grade								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 144		
1	0.2500	2.00	0.00	0.00	0.000	100.00		Percentiles		
2	0.1768	2.50	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
3	0.1487	2.75	1.36	1.36	1.360	98.64		95	3.07	0.119
4	0.1250	3.00	4.06	2.70	2.699	95.94		84	3.86	0.069
5	0.1051	3.25	7.48	3.42	3.419	92.52		75	4.60	0.041
6	0.0884	3.50	11.09	3.61	3.609	88.91	mode at 3.38	50	6.16	0.014
7	0.0743	3.75	14.60	3.51	3.509	85.40		25	6.73	0.009
8	0.0625	4.00	17.89	3.29	3.289	82.12		16	7.00	0.008
9	0.0526	4.25	20.89	3.00	2.999	79.12		5	7.77	0.005
10	0.0442	4.50	23.79	2.90	2.899	76.22		Stats from Moments		
11	0.0372	4.75	26.72	2.93	2.929	73.29	mode at 4.63		<i>phi</i>	<i>mm</i>
12	0.0313	5.00	29.51	2.79	2.789	70.50		Mean	6.46	0.011
13	0.0263	5.25	32.57	3.06	3.059	67.44		SD	1.63	
14	0.0221	5.50	35.91	3.34	3.339	64.10	mode at 5.38	Skewness	-1.42	
15	0.0186	5.75	39.03	3.12	3.119	60.98		Kurtosis	2.81	
16	0.0156	6.00	42.19	3.16	3.159	57.82		Folks' Graphic Stats		
17	0.0131	6.25	54.05	11.86	11.856	45.97	mode at 6.13		<i>phi</i>	<i>mm</i>
18	0.0110	6.50	65.51	11.46	11.457	34.51		Mean (Mz)	5.67	0.020
19	0.0093	6.75	75.88	10.37	10.367	24.14		Sorting (SI)	1.50	
20	0.0078	7.00	84.08	8.20	8.198	15.95		Skewness (SkI)	-0.39	
21	0.0066	7.25	90.51	6.43	6.428	9.52		Kurtosis (KG)	0.91	
22	0.0055	7.50	92.73	2.22	2.219	7.30				
23	0.0046	7.75	94.77	2.04	2.039	5.26				
24	0.0039	8.00	98.33	3.56	3.559	1.70	mode at 7.88			
25	0.0033	8.25	99.81	1.48	1.480	0.22				
26	0.0028	8.50	100.03	0.22	0.220	0.00				
27	0.0023	8.75	100.03	0.00	0.000	0.00				
28	0.0020	9.00	100.03	0.00	0.000	0.00				
29	0.0016	9.25	100.03	0.00	0.000	0.00				

30	0.0014	9.50	100.03	0.00	0.000	0.00
31	0.0012	9.75	100.03	0.00	0.000	0.00
32	0.0010	10.00	100.03	0.00	0.000	0.00
33	0.0008	10.25	100.03	0.00	0.000	0.00
34	0.0007	10.50	100.03	0.00	0.000	0.00
35	0.0006	10.75	100.03	0.00	0.000	0.00
36	0.0005	11.00	100.03	0.00	0.000	0.00
37	0.0004	11.25	100.03	0.00	0.000	0.00
38	0.0003	11.50	100.03	0.00	0.000	0.00
39	0.0003	11.75	100.03	0.00	0.000	0.00
40	0.0002	12.00	100.03	0.00	0.000	0.00
41	0.0002	12.25	100.03	0.00	0.000	0.00
42	0.0002	12.50	100.03	0.00	0.000	0.00
43	0.0001	12.75	100.03	0.00	0.000	0.00
44	0.0001	13.00	100.03	0.00	0.000	0.00
45	0.0001	13.25	100.03	0.00	0.000	0.00
46	0.0001	13.50	100.03	0.00	0.000	0.00
47	0.0001	13.75	100.03	0.00	0.000	0.00
48	0.0001	14.00	100.03	0.00	0.000	0.00
49	0.0001	14.25	100.03	0.00	0.000	0.00
50	0.0000	14.50	100.03	0.00	0.000	0.00
51	0.0000	14.75	100.03	0.00	0.000	0.00
Sums:			100.03	100.03	90.483	



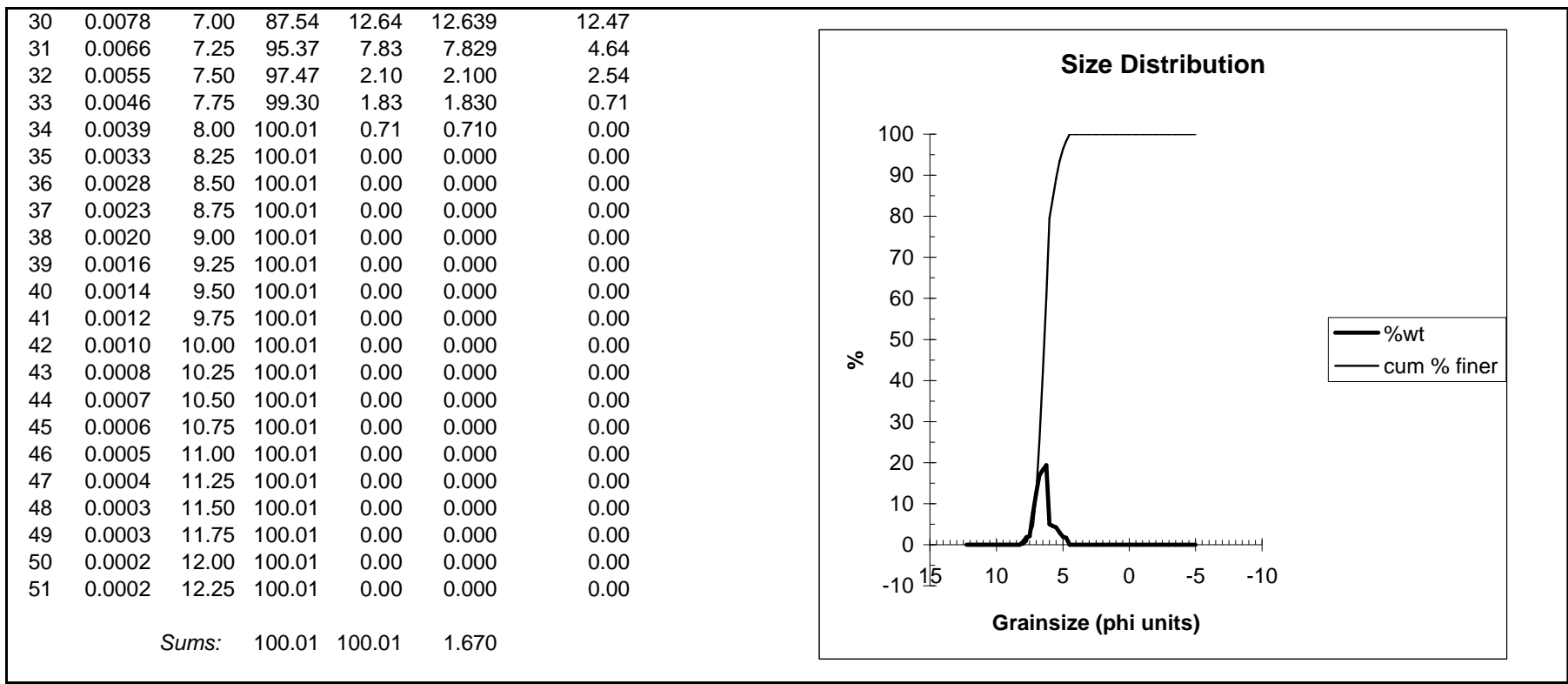
Sample 160 joints infills Upper Steel								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 160		
1	0.2500	2.00	0.00	0.00	0.000	100.00		Percentiles		
2	0.1768	2.50	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
3	0.1250	3.00	0.00	0.00	0.000	100.00		95	4.59	0.042
4	0.1051	3.25	0.66	0.66	0.660	99.34	mode at 3.13	84	5.86	0.017
5	0.0884	3.50	1.22	0.56	0.560	98.78		75	6.13	0.014
6	0.0743	3.75	1.88	0.66	0.660	98.12		50	6.52	0.011
7	0.0625	4.00	2.63	0.75	0.750	97.37		25	6.93	0.008
8	0.0526	4.25	3.48	0.85	0.850	96.52		16	7.13	0.007
9	0.0442	4.50	4.53	1.05	1.050	95.47		5	7.79	0.005
10	0.0372	4.75	5.83	1.30	1.300	94.17		Stats from Moments		
11	0.0313	5.00	7.35	1.52	1.520	92.65			<i>phi</i>	<i>mm</i>
12	0.0263	5.25	9.35	2.00	2.000	90.65		Mean	7.14	0.007
13	0.0221	5.50	11.91	2.56	2.561	88.09		SD	1.11	
14	0.0186	5.75	14.64	2.73	2.731	85.36		Skewness	-1.89	
15	0.0156	6.00	17.74	3.10	3.101	82.26		Kurtosis	4.90	
16	0.0131	6.25	31.99	14.25	14.253	68.00		Folks' Graphic Stats		
17	0.0110	6.50	48.64	16.65	16.653	51.35			<i>phi</i>	<i>mm</i>
18	0.0093	6.75	65.45	16.81	16.813	34.54	mode at 6.63	Mean (Mz)	6.50	0.011
19	0.0078	7.00	78.90	13.45	13.453	21.08		Sorting (SI)	0.80	
20	0.0066	7.25	88.70	9.80	9.802	11.28		Skewness (SkI)	-0.12	
21	0.0055	7.50	91.73	3.03	3.031	8.25		Kurtosis (KG)	1.64	
22	0.0046	7.75	94.29	2.56	2.561	5.69				
23	0.0039	8.00	98.35	4.06	4.061	1.63	mode at 7.88			
24	0.0033	8.25	99.81	1.46	1.460	0.17				
25	0.0028	8.50	99.98	0.17	0.170	0.00				
26	0.0023	8.75	99.98	0.00	0.000	0.00				
27	0.0020	9.00	99.98	0.00	0.000	0.00				
28	0.0016	9.25	99.98	0.00	0.000	0.00				
29	0.0014	9.50	99.98	0.00	0.000	0.00				

30	0.0012	9.75	99.98	0.00	0.000	0.00
31	0.0010	10.00	99.98	0.00	0.000	0.00
32	0.0008	10.25	99.98	0.00	0.000	0.00
33	0.0007	10.50	99.98	0.00	0.000	0.00
34	0.0006	10.75	99.98	0.00	0.000	0.00
35	0.0005	11.00	99.98	0.00	0.000	0.00
36	0.0004	11.25	99.98	0.00	0.000	0.00
37	0.0003	11.50	99.98	0.00	0.000	0.00
38	0.0003	11.75	99.98	0.00	0.000	0.00
39	0.0002	12.00	99.98	0.00	0.000	0.00
40	0.0002	12.25	99.98	0.00	0.000	0.00
41	0.0002	12.50	99.98	0.00	0.000	0.00
42	0.0001	12.75	99.98	0.00	0.000	0.00
43	0.0001	13.00	99.98	0.00	0.000	0.00
44	0.0001	13.25	99.98	0.00	0.000	0.00
45	0.0001	13.50	99.98	0.00	0.000	0.00
46	0.0001	13.75	99.98	0.00	0.000	0.00
47	0.0001	14.00	99.98	0.00	0.000	0.00
48	0.0001	14.25	99.98	0.00	0.000	0.00
49	0.0000	14.50	99.98	0.00	0.000	0.00
50	0.0000	14.75	99.98	0.00	0.000	0.00
51	0.0000	15.00	99.98	0.00	0.000	0.00
Sums:			99.98	99.98	91.748	



CAVE INFILLS

Sample 166 cave infills Upper Steel								Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 166		
1	32.0000	-5.00	0.00	0.00	0.000	100.00		Percentiles		
2	22.6274	-4.50	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
3	16.0000	-4.00	0.00	0.00	0.000	100.00		95	5.12	0.029
4	11.3137	-3.50	0.00	0.00	0.000	100.00		84	5.78	0.018
5	8.0000	-3.00	0.00	0.00	0.000	100.00		75	6.06	0.015
6	5.6569	-2.50	0.00	0.00	0.000	100.00		50	6.39	0.012
7	4.0000	-2.00	0.00	0.00	0.000	100.00		25	6.75	0.009
8	2.8284	-1.50	0.00	0.00	0.000	100.00		16	6.93	0.008
9	2.0000	-1.00	0.00	0.00	0.000	100.00		5	7.24	0.007
10	1.4142	-0.50	0.00	0.00	0.000	100.00		Stats from Moments		
11	1.0000	0.00	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
12	0.7071	0.50	0.00	0.00	0.000	100.00		Mean	387.61	0.000
13	0.5000	1.00	0.00	0.00	0.000	100.00		SD	2949.47	
14	0.3536	1.50	0.00	0.00	0.000	100.00		Skewness	-0.13	
15	0.2500	2.00	0.00	0.00	0.000	100.00		Kurtosis	0.02	
16	0.1768	2.50	0.00	0.00	0.000	100.00		Folks' Graphic Stats		
17	0.1250	3.00	0.00	0.00	0.000	100.00			<i>phi</i>	<i>mm</i>
18	0.0884	3.50	0.00	0.00	0.000	100.00		Mean (Mz)	6.37	0.012
19	0.0625	4.00	0.00	0.00	0.000	100.00		Sorting (SI)	0.61	
20	0.0442	4.50	0.00	0.00	0.000	100.00		Skewness (SkI)	-0.13	
21	0.0372	4.75	1.67	1.67	1.670	98.33	mode at 4.63	Kurtosis (KG)	1.25	
22	0.0313	5.00	3.61	1.94	1.940	96.39	mode at 4.88			
23	0.0263	5.25	6.63	3.02	3.020	93.37	mode at 5.13			
24	0.0221	5.50	10.88	4.25	4.250	89.12	mode at 5.38			
25	0.0186	5.75	15.46	4.58	4.580	84.54	mode at 5.63			
26	0.0156	6.00	20.46	5.00	5.000	79.54				
27	0.0131	6.25	39.81	19.35	19.348	60.19				
28	0.0110	6.50	58.00	18.19	18.188	42.01				
29	0.0093	6.75	74.90	16.90	16.898	25.11				



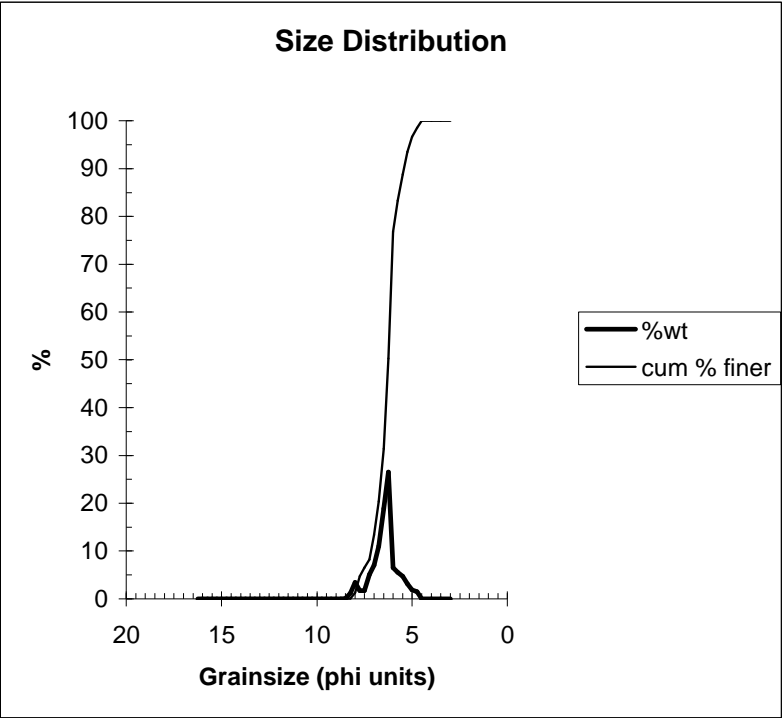
Sample 146 cave infills High Grade							Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 146	
1	0.1250	3.00	0.00	0.00	0.000	100.00		Percentiles	
2	0.0884	3.50	0.00	0.00	0.000	100.00			
3	0.0625	4.00	0.00	0.00	0.000	100.00			
4	0.0442	4.50	0.00	0.00	0.000	100.00			
5	0.0372	4.75	1.49	1.49	1.490	98.51			
6	0.0313	5.00	3.37	1.88	1.880	96.63			
7	0.0263	5.25	6.50	3.13	3.130	93.50			
8	0.0221	5.50	11.21	4.71	4.710	88.79			
9	0.0186	5.75	16.73	5.52	5.519	83.27			
10	0.0156	6.00	23.24	6.51	6.509	76.76			
11	0.0131	6.25	49.77	26.53	26.527	50.23	mode at 6.13		
12	0.0110	6.50	68.62	18.85	18.848	31.39			
13	0.0093	6.75	79.63	11.01	11.009	20.38			
14	0.0078	7.00	86.64	7.01	7.009	13.37			
15	0.0066	7.25	91.74	5.10	5.099	8.27			
16	0.0055	7.50	93.51	1.77	1.770	6.50			
17	0.0046	7.75	95.28	1.77	1.770	4.73			
18	0.0039	8.00	98.72	3.44	3.440	1.29	mode at 7.88		
19	0.0033	8.25	99.91	1.19	1.190	0.10			
20	0.0028	8.50	100.01	0.10	0.100	0.00			
21	0.0023	8.75	100.01	0.00	0.000	0.00			
22	0.0020	9.00	100.01	0.00	0.000	0.00			
23	0.0016	9.25	100.01	0.00	0.000	0.00			
24	0.0014	9.50	100.01	0.00	0.000	0.00			
25	0.0012	9.75	100.01	0.00	0.000	0.00			
26	0.0010	10.00	100.01	0.00	0.000	0.00			
27	0.0008	10.25	100.01	0.00	0.000	0.00			
28	0.0007	10.50	100.01	0.00	0.000	0.00			
29	0.0006	10.75	100.01	0.00	0.000	0.00			

Stats from Moments		
	<i>phi</i>	<i>mm</i>
Mean	6.43	0.012
SD	0.68	
Skewness	0.24	
Kurtosis	3.65	

Folks' Graphic Stats		
	<i>phi</i>	<i>mm</i>
Mean (Mz)	6.29	0.013
Sorting (SI)	0.69	
Skewness (SkI)	0.11	
Kurtosis (KG)	1.68	

30	0.0005	11.00	100.01	0.00	0.000	0.00
31	0.0004	11.25	100.01	0.00	0.000	0.00
32	0.0003	11.50	100.01	0.00	0.000	0.00
33	0.0003	11.75	100.01	0.00	0.000	0.00
34	0.0002	12.00	100.01	0.00	0.000	0.00
35	0.0002	12.25	100.01	0.00	0.000	0.00
36	0.0002	12.50	100.01	0.00	0.000	0.00
37	0.0001	12.75	100.01	0.00	0.000	0.00
38	0.0001	13.00	100.01	0.00	0.000	0.00
39	0.0001	13.25	100.01	0.00	0.000	0.00
40	0.0001	13.50	100.01	0.00	0.000	0.00
41	0.0001	13.75	100.01	0.00	0.000	0.00
42	0.0001	14.00	100.01	0.00	0.000	0.00
43	0.0001	14.25	100.01	0.00	0.000	0.00
44	0.0000	14.50	100.01	0.00	0.000	0.00
45	0.0000	14.75	100.01	0.00	0.000	0.00
46	0.0000	15.00	100.01	0.00	0.000	0.00
47	0.0000	15.25	100.01	0.00	0.000	0.00
48	0.0000	15.50	100.01	0.00	0.000	0.00
49	0.0000	15.75	100.01	0.00	0.000	0.00
50	0.0000	16.00	100.01	0.00	0.000	0.00
51	0.0000	16.25	100.01	0.00	0.000	0.00

Sums: 100.01 100.01 100.000



Sample 143 cave infills Upper Steel							Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 143	
1	0.0625	4.00	0.00	0.00	0.000	100.00		Percentiles	
2	0.0442	4.50	0.00	0.00	0.000	100.00			
3	0.0313	5.00	0.00	0.00	0.000	100.00		<i>phi</i>	<i>mm</i>
4	0.0221	5.50	0.00	0.00	0.000	100.00		95	6.03 0.015
5	0.0186	5.75	1.17	1.17	1.170	98.83		84	6.19 0.014
6	0.0156	6.00	3.10	1.93	1.930	96.90		75	6.30 0.013
7	0.0131	6.25	20.29	17.19	17.190	79.71		50	6.57 0.011
8	0.0110	6.50	44.20	23.91	23.910	55.80	mode at 6.38	25	6.91 0.008
9	0.0093	6.75	65.17	20.97	20.970	34.83		16	7.08 0.007
10	0.0078	7.00	80.67	15.50	15.500	19.33		5	7.67 0.005
11	0.0066	7.25	90.94	10.27	10.270	9.06		Stats from Moments	
12	0.0055	7.50	93.61	2.67	2.670	6.39		<i>phi</i>	<i>mm</i>
13	0.0046	7.75	95.61	2.00	2.000	4.39		Mean	6.77 0.009
14	0.0039	8.00	98.70	3.09	3.090	1.30	mode at 7.88	SD	0.48
15	0.0033	8.25	99.86	1.16	1.160	0.14		Skewness	0.88
16	0.0028	8.50	100.00	0.14	0.140	0.00		Kurtosis	3.91
17	0.0023	8.75	100.00	0.00	0.000	0.00		Folks' Graphic Stats	
18	0.0020	9.00	100.00	0.00	0.000	0.00		<i>phi</i>	<i>mm</i>
19	0.0016	9.25	100.00	0.00	0.000	0.00		Mean (Mz)	6.61 0.010
20	0.0014	9.50	100.00	0.00	0.000	0.00		Sorting (SI)	0.47
21	0.0012	9.75	100.00	0.00	0.000	0.00		Skewness (Skl)	0.24
22	0.0010	10.00	100.00	0.00	0.000	0.00		Kurtosis (KG)	1.11
23	0.0008	10.25	100.00	0.00	0.000	0.00			
24	0.0007	10.50	100.00	0.00	0.000	0.00			
25	0.0006	10.75	100.00	0.00	0.000	0.00			
26	0.0005	11.00	100.00	0.00	0.000	0.00			
27	0.0004	11.25	100.00	0.00	0.000	0.00			
28	0.0003	11.50	100.00	0.00	0.000	0.00			
29	0.0003	11.75	100.00	0.00	0.000	0.00			

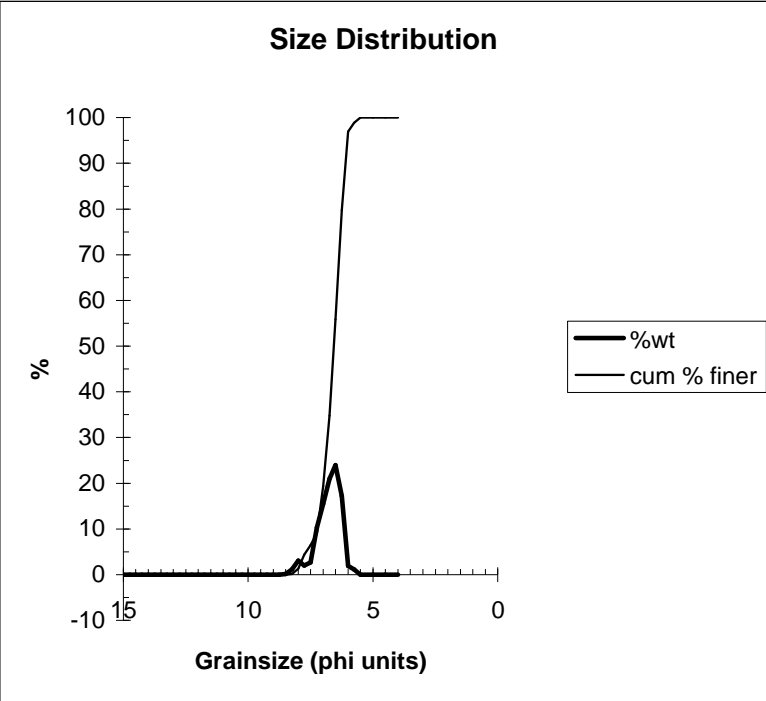
30	0.0002	12.00	100.00	0.00	0.000	0.00
31	0.0002	12.25	100.00	0.00	0.000	0.00
32	0.0002	12.50	100.00	0.00	0.000	0.00
33	0.0001	12.75	100.00	0.00	0.000	0.00
34	0.0001	13.00	100.00	0.00	0.000	0.00
35	0.0001	13.25	100.00	0.00	0.000	0.00
36	0.0001	13.50	100.00	0.00	0.000	0.00
37	0.0001	13.75	100.00	0.00	0.000	0.00
38	0.0001	14.00	100.00	0.00	0.000	0.00
39	0.0001	14.25	100.00	0.00	0.000	0.00
40	0.0000	14.50	100.00	0.00	0.000	0.00
41	0.0000	14.75	100.00	0.00	0.000	0.00
42	0.0000	15.00	100.00	0.00	0.000	0.00
43	0.0000	15.25	100.00	0.00	0.000	0.00
44	0.0000	15.50	100.00	0.00	0.000	0.00
45	0.0000	15.75	100.00	0.00	0.000	0.00
46	0.0000	16.00	100.00	0.00	0.000	0.00
47	0.0000	16.25	100.00	0.00	0.000	0.00
48	0.0000	16.50	100.00	0.00	0.000	0.00
49	0.0000	16.75	100.00	0.00	0.000	0.00
50	0.0000	17.00	100.00	0.00	0.000	0.00
51	0.0000	17.25	100.00	0.00	0.000	0.00

Sums:

100

100

100.000



Sample 161 cave infills Upper Steel							Grainsize Statistics		
	mm	phi	Cum wt (g)	wt (g)	wt%	cum % finer	Modes	Sample: 161	
1	0.2500	2.00	0.00	0.00	0.000	100.00		Percentiles	
2	0.1768	2.50	0.00	0.00	0.000	100.00			
3	0.1250	3.00	0.00	0.00	0.000	100.00		<i>phi</i>	<i>mm</i>
4	0.0884	3.50	0.11	0.11	0.110	99.89		95	5.54 0.021
5	0.0743	3.75	0.23	0.12	0.120	99.77		84	6.11 0.014
6	0.0625	4.00	0.37	0.14	0.140	99.63		75	6.25 0.013
7	0.0526	4.25	0.55	0.18	0.180	99.45		50	6.56 0.011
8	0.0442	4.50	0.82	0.27	0.270	99.18		25	6.92 0.008
9	0.0372	4.75	1.27	0.45	0.450	98.73		16	7.11 0.007
10	0.0313	5.00	1.94	0.67	0.670	98.06		5	7.78 0.005
11	0.0263	5.25	3.01	1.07	1.070	96.99		Stats from Moments	
12	0.0221	5.50	4.64	1.63	1.630	95.36		<i>phi</i>	<i>mm</i>
13	0.0186	5.75	6.67	2.03	2.030	93.33		Mean	7.09 0.007
14	0.0156	6.00	9.29	2.62	2.620	90.71		SD	0.76
15	0.0131	6.25	24.76	15.47	15.472	75.24		Skewness	-1.52
16	0.0110	6.50	45.58	20.82	20.822	54.42	mode at 6.38	Kurtosis	4.57
17	0.0093	6.75	65.39	19.81	19.812	34.60		Folks' Graphic Stats	
18	0.0078	7.00	79.69	14.30	14.301	20.30		<i>phi</i>	<i>mm</i>
19	0.0066	7.25	89.25	9.56	9.561	10.74		Mean (Mz)	6.59 0.010
20	0.0055	7.50	92.11	2.86	2.860	7.88		Sorting (SI)	0.59
21	0.0046	7.75	94.56	2.45	2.450	5.43		Skewness (SkI)	0.10
22	0.0039	8.00	98.55	3.99	3.990	1.44		Kurtosis (KG)	1.38
23	0.0033	8.25	99.87	1.32	1.320	0.12			
24	0.0028	8.50	99.99	0.12	0.120	0.00			
25	0.0023	8.75	99.99	0.00	0.000	0.00			
26	0.0020	9.00	99.99	0.00	0.000	0.00			
27	0.0016	9.25	99.99	0.00	0.000	0.00			
28	0.0014	9.50	99.99	0.00	0.000	0.00			
29	0.0012	9.75	99.99	0.00	0.000	0.00			

30	0.0010	10.00	99.99	0.00	0.000	0.00
31	0.0008	10.25	99.99	0.00	0.000	0.00
32	0.0007	10.50	99.99	0.00	0.000	0.00
33	0.0006	10.75	99.99	0.00	0.000	0.00
34	0.0005	11.00	99.99	0.00	0.000	0.00
35	0.0004	11.25	99.99	0.00	0.000	0.00
36	0.0003	11.50	99.99	0.00	0.000	0.00
37	0.0003	11.75	99.99	0.00	0.000	0.00
38	0.0002	12.00	99.99	0.00	0.000	0.00
39	0.0002	12.25	99.99	0.00	0.000	0.00
40	0.0002	12.50	99.99	0.00	0.000	0.00
41	0.0001	12.75	99.99	0.00	0.000	0.00
42	0.0001	13.00	99.99	0.00	0.000	0.00
43	0.0001	13.25	99.99	0.00	0.000	0.00
44	0.0001	13.50	99.99	0.00	0.000	0.00
45	0.0001	13.75	99.99	0.00	0.000	0.00
46	0.0001	14.00	99.99	0.00	0.000	0.00
47	0.0001	14.25	99.99	0.00	0.000	0.00
48	0.0000	14.50	99.99	0.00	0.000	0.00
49	0.0000	14.75	99.99	0.00	0.000	0.00
50	0.0000	15.00	99.99	0.00	0.000	0.00
51	0.0000	15.25	99.99	0.00	0.000	0.00
Sums:			99.99	99.99	94.569	

